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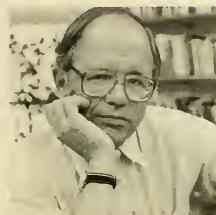
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Cover photograph by John Forasté

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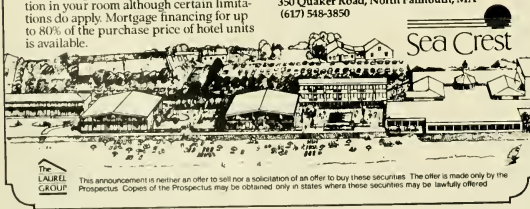


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MAIL

Shakespeare and Dr. Seuss

Editor: Shakespeare was the most popular writer of his day. Connie Chung, Stevie Wonder, and Dr. Seuss are popular figures, but also exceedingly well respected by their peers as preeminent examples of intelligent professionalism and creative genius. It was an honor to represent the Brown faculty on the Commencement platform with these and the other distinguished receivers of honorary degrees at the 1987 Commencement.

SUSANNE WOODS

Campus

The writer is professor of English and associate dean of the faculty. Her letter is in response to a letter in the September issue.

—Editor

A new approach

Editor: I feel it is time for those of us with a conscience to set aside our donations to Brown in an escrow account to go to Brown when and if the University divests its holdings of companies doing business in South Africa.

Alumni who are interested in setting up such an account are encouraged to contact me by mail at 1212 Fifth Avenue, New York, N.Y. 10029.

Let's put our money where our mouths have been.

PAUL IAN TARTTER '73, '77 M.D.
New York City

Update from Maine

Editor: Since my letter to you of last year (BAM, May 1986), things have taken a definite turn for the better. In August of '86, Susan Mohr and I were married in New Jersey. In January of this year, we bought our home in Richmond, Maine. And recently, in what seems to be the final step in the rebuilding process, I have been hired as English teacher and director of guidance at Franklin Academy in Sabattus, Maine. I will continue as well to be a

senior facilitator in the Navy Alcohol and Drug Safety Action Program, and may become a drug rehabilitation and violence management consultant as well.

When I last wrote you there was a somewhat rude and judgmental response to my letter by a Mr. Ward. It seems that, no matter how much work a person may do on his life, there's always at least one joker waiting in the wings to pounce if the work is not done just perfectly. Mr. Ward's threatened response notwithstanding, the past couple of years have been full of growth and serious work. I have made a great many mistakes in many areas, and I have found that there is no easy way to rectify them without personal change, and there was nobody but myself who could make that change. My wife, my friends, and later members of my family were tremendously supporting, while still staying far enough away to avoid rescuing and enabling. As a result, I think I've become a better father, husband, friend, and family member. There are some places, some events, to which I hope never to return again, particularly a way of thinking that is now repugnant to me. The learning has come hard, but I believe it was necessary.

At any rate, life goes on apace—happier, more smoothly, and more positively. It's nice to be able to report that.

RICHARD K. HORTON '71
Richmond, Maine

Musical memorial

Editor: In January of this year, one of our graduates, Eric Adam Brudner '84, died of a brain tumor. Eric was a music major, a pianist and composer, and one of the finest undergraduate musicians that I have known in my twenty years of teaching at Brown. More than that, he was an active and dedicated member of our departmental family while he was here.

Because of his love for music and for Brown University, Eric's family has established a fund for the Eric Adam Brudner Memorial Concert, which will be given annually each spring featuring the music of our best composition students. This concert will provide an opportunity for students and faculty, and other interested people from the community, to hear first-rate performances of new music.

Eric's family has made a generous contribution to Brown as the foundation of support necessary for this con-

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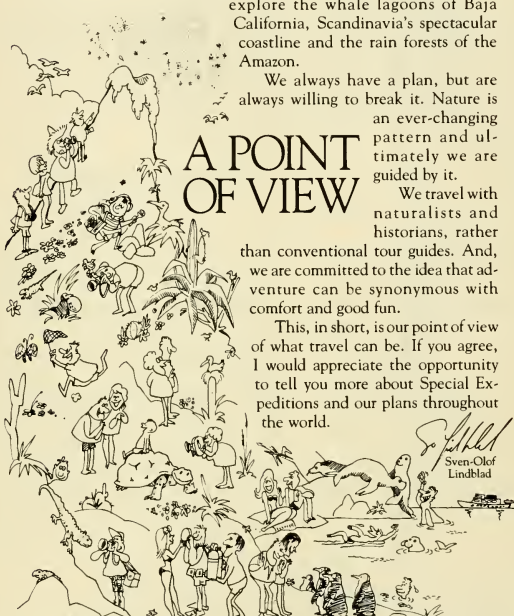
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cert. We will need additional donations, however, in order to fund the concert in perpetuity. Readers of the *BAM* who were fortunate to have known Eric, and those whose interests allow them to appreciate the importance of such a yearly concert, may send tax-deductible contributions to: Gift Cashier, Box 1877, Brown University, Providence, R.I. 02912. Checks should be made payable to Brown University with the notation, "In Memory of Eric Adam Brudner '84."

I thank you personally and on behalf of Eric's family, the University, and the generations of student composers who will benefit most of all from your support.

GERALD M. SHAPIRO

Campus

The writer is chairman of the Department of Music.—Editor

Working to make the world more secure

Editor: Set against present governmental fumbblings in international affairs, it is encouraging to see Brown and its Center for Foreign Policy Development working to make the world more secure ("Repeating a WWII Journey," September). Thomas J. Watson, Jr., is an inspiration to those of us who share his concern over potential nuclear annihilation.

As Brown alumni/ae, though, what more can we be doing? How can we become involved in the Center's work? And whatever happened to Brown's proposed concentration in Peace and Justice Studies? Undergraduate involvement with these issues is certainly as important as advanced research.

Please keep the *BAM* readership informed of developments in this area and opportunities for involvement.

FLIS SCHAUFFLER '85

Cumberland, Maine

Mark Garrison, director of the Center for Foreign Policy Development, replies:

The letters from Ms. Schaufler and Ms. Lefkowitz (following letter) provide a welcome opportunity to explain what our Center is trying to accomplish by interacting with several institutes of the Academy of Sciences of the U.S.S.R.

Changes are underway in Soviet policy that may be crucially important—for better or worse—for U.S. interests. Americans should debate among themselves how to react. But first we should find out more about the chang-

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es: the motivations, how far they go, how permanent they are. Furthermore, both American and Soviet leaders say that, in the nuclear era, we should strive for mutual security; but so far each side has a different definition of what mutual security means. Under the circumstances, it seems worth trying to arrive at some common criteria for mutual security, or at least a clear understanding of how our respective criteria differ and why.

In order to explore both the Soviet reforms and the question of mutual security, our Center will bring together groups of Americans equipped to ask the hard questions. And the Soviet institutes have agreed to put together groups of qualified Soviets to meet with us. The better plugged in those Soviets are, the more useful the discussions will be. They will have their values, and we will have ours. Their motivation will obviously be to advance Soviet interests, just as we Americans will be trying to advance American interests; the question is, is there a way to do both at the same time?

"Mutual security" was also the reason why the U.S. sent military aircraft to the Soviet Union forty-five years ago: to defeat Hitler, a common enemy. So it was appropriate that we agreed with Soviet institutes to undertake a new study on mutual security at a time when the chairman of our board of advisers, Thomas J. Watson, Jr., was in Moscow for a flight across Siberia commemorating the establishment of that air bridge during World War II.

Finally, in response to Ms. Schaufler's question, a good way for anyone to help the process is to plunge in, learn more about the issues and the changes underway, and encourage thoughtful analysis on the question: What can the United States do, including talking with the Soviets, to improve its security?

'Questionable motives'

Editor: I was more than disappointed to read about Brown's agreement with the Soviet Union's official institute of the U.S.A. and Canada, IUSAC, in the August 24 issue of *The New Republic*.

During all my years at Brown, I protested CIA activities on campus. Similarly, I must protest Brown's cooperation with this organization of propaganda, whose motives are questionable at best. The University is once again bowing to the whims of the rich and famous—in this case, Thomas J. Wat-

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son, former ambassador to the Soviet Union and wealthy Brown alumnus.

MARCY LEFKOVITZ '85
New York City

Editor's query

Editor: The Association for Gravestone Studies, in collaboration with the University Press of America, publishes a journal called *Markers*. Four issues, each containing from five to fifteen scholarly articles relating to many aspects of funerary art, preservation, history, and origin in different parts of the United States and other countries, have already appeared. *Markers V* will be published in late 1987 or early 1988. The editor now seeks papers for *Markers VI*, to be published in late 1988. Manuscripts should conform to the *Chicago Manual of Style* and may be accompanied by glossy black and white prints or black ink drawings. For further information, write or call the Association for Gravestone Studies, 46 Plymouth Road, Needham, Mass. 02192, (617) 455-8180.

THEODORE CHASE
Dover, Mass.

The writer is editor of *Markers*.—Editor

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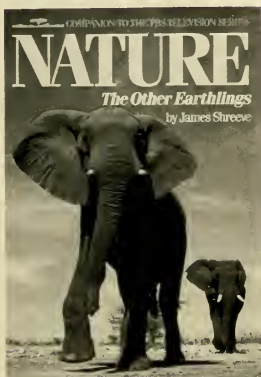
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BOOKS

By James Reinbold



NATURE: THE OTHER EARTHLINGS by James Shreeve '73. Macmillan Publishing Company, 1987. 288 pages. \$29.95.

"Over the past several millennia, and especially during the last five centuries, humankind has gradually distanced itself from most animals," James Shreeve writes in the prologue to *Nature*, the first in a series of companion volumes to the highly successful PBS television series. "We have defined ourselves as extranatural, distinct from mere flesh, and regard earth's other animals as inhabitants of a separate, lower plane of existence."

This detachment has resulted in a rather ironic combination of fear and fascination. Shreeve writes, "So long as the natural world is safely contained by a television screen, a park boundary, or a concrete moat in a zoo, we relish every opportunity to poke around its mysteries." But the isolation has a darker side as well. "At the present, human-accelerated rate of extinction, some one million animal species could vanish before the turn of the century

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Edwin F. Lovering '38, M.D.

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—approximately one species gone every hour . . . All exotic wildlife will exist only in zoos, managed by captive breeding programs." If that number of one million seems incredible, consider that scientists now estimate that there may be as many as thirty million species of insects alone. In the rainforests of the Amazon, for example, it is very likely that species, both plant and animal, are being obliterated by logging and development even before they are discovered.

Nature is concerned with the large, "globe-striding" earthlings: bears, tigers, elephants, chimpanzees, and wolves—humankind's fellow mammals. Relying on recent biological evidence, Shreeve attempts to reestablish something of the ancient bonds that tied us to mammals and other animals.

In a telephone interview, Shreeve said that he didn't want to write "a coffee-table book." And while the book is attractively-produced, with 125 full-color photographs, as well as drawings and maps, it is not a glossy advertisement for how wonderful and unique large animals are. "I wanted to make an internal point, and give the book some coherence. I wanted to emphasize man—a mammal—and his relationship with other mammals on earth, hence the title, *Nature: The Other Earthlings*," he said. "And that relationship is one of isolation, for man has essentially kicked mammals out of his world."

This is not to say that the book is only an examination of man's isolation from animals, his evolution from prey to predator, and his dominance over animals. It is that, and Shreeve writes with insight about man's dissociation from nature; but, like the television series that spawned it, *Nature* is also a book about the mammals, a celebration of their existence, a warm and scientific look at the intricacies of their social structures and their habitats, and the danger they face at the hands of man. "A large mammal nearing extinction is probably a sign that an ecosystem is suffering some deeper distress farther down in its workings," Shreeve writes. "Life would adjust and adapt should they disappear, however, if species at the base were to disappear—the blue-green algae, or the plates of marine plankton—the whole edifice of life on earth would collapse like a torn beach ball."

The book is divided into chapters dealing with bears, tigers, the diverse and fascinating mammalia of Australia, elephants, chimpanzees and gorillas, and wolves; and deals with mammalian

social and political organization, as well as their biology.

It is also full of interesting and thought-provoking observations. Humankind has long felt a closeness to chimpanzees, Shreeve points out, likely because we perceive they mimic our behavior and so credit them with intelligence superior to other mammals. But, in social evolution, we are closer to the monogamous wolf, lion, and wild dog, who organize themselves into packs and have a complex social and political structure.

Shreeve is the former public information director for the Marine Biology Laboratory (MBL) in Woods Hole, Mass. A graduate of the Iowa Writers Workshop in 1979, he is founder and director of the MBL Science Writing Fellowship Program and is writing a book on human evolution.

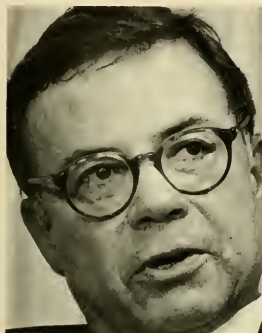
"AS EVER, GENE": THE LETTERS OF EUGENE O'NEILL TO GEORGE NATHAN, transcribed and edited, with introductory essays by Nancy L. Roberts '77 A.M. and Arthur W. Roberts. Fairleigh Dickinson University Press, 1987. 248 pages. \$35.

For thirty years, George Jean Nathan, the drama critic, was Eugene O'Neill's close friend. He was responsible for publishing three early O'Neill plays in *Smart Set* in 1917, and also helped bring to Broadway *Beyond the Horizon*, a play that earned the playwright his first Pulitzer Prize in 1920.

The 130 letters from O'Neill to Nathan are divided into four sections, each with an introductory essay, which include comments about Nathan's critical writing since his correspondence to O'Neill no longer exists.

Nancy L. Roberts is assistant professor of journalism and mass communications and an adjunct faculty member in the Program in American Studies at the University of Minnesota. This is her first book-length collaboration with her father, a professor of English at the State University of New York College at Morrisville and an O'Neill scholar for many years.

UNDER THE ELMS



JOHN FORKSTE

THE PRESIDENT
AT THE PRESS CONFERENCE:

“The time has
come to leave
the Brown
presidency”

Howard Swearer resigns

“I have concluded that the time has come to leave the Brown presidency at the time a successor has been installed, preferably by next summer, but no later than December 31, 1988.”

With those words, Brown's fifteenth president, Howard R. Swearer, announced his resignation to stunned members of the Brown Corporation at its meeting on Friday afternoon, October 16. Afterwards, at a press conference, Chancellor Richard Salomon '32 noted that “there wasn't a dry eye in the house, mine included.”

The emotion that greeted President Swearer's announcement (and that caused Swearer himself to fight back tears at the press conference) marked the beginning of the end of an eleven-year relationship between man and University that, on balance, was characterized by mutual admiration and affection. The *Providence Journal's* description in 1976 of Swearer as a “near-perfect match” for then-troubled Brown proved prophetic over the intervening years, as Brown moved quickly from an era of red ink to one of black ink, from a campus morale bruised by cutbacks to an exciting (if still occasionally contentious) atmosphere of cross-disciplinary scholarship, from one of the lesser-known Ivies to one of the most popular.

While he was generally well-liked by students and faculty, President Swearer has been particularly popular with alumni and with members of the Corporation, who have been the beneficiaries on many public and private occasions of his personal charm and his folksy sense of humor.

His resignation, Swearer said, was prompted by a reevaluation of his career on the occasion of his fifty-fifth birthday last winter. His reasons for leaving, he emphasized, are “entirely personal,” and he has no arrangement for future employment at this time. He will spend the next few months “exploring possibilities,” he said.

In his statement to the Corporation, Swearer thanked various members of the University community for their

support and assistance, and went on to elaborate on his reasons for leaving. “By next summer,” Swearer said, “I will have been a college and then a university president for eighteen years. While the job remains enormously challenging, and it has been a joy to have been a part of Brown during these very positive and exciting years, I believe a change of direction is desirable.

“It is time for me to go on to new interests,” Swearer continued, “or, perhaps, to refurbish some older ones which have lain all too dormant during these years.” So full and absorbing is the life of a university president, Swearer added, that he has had little time to pursue other interests.

“It would not be good for me or for Brown if I were to spend another ten years here,” Swearer said at the press conference. “Categorically,” he added, “I am not going to do another college or university presidency.” He indicated that, of all the institutions he has been associated with, he has the greatest affection for Brown. “This University, the many warm friendships, the wonderful and varied experiences, the emotional highs—and a few lows,” Swearer said, “have had a profound and lasting impact on Jan and me. Few are privileged to have had such an experience.”

While a few students and members of the faculty, in remarks to the press, expressed annoyance that the University community had not been informed of the president's impending resignation before the news conference, most praised Swearer's achievements and his leadership style. Noting the president's successful efforts to bring financial stability to Brown, Professor of Political Science Edward Beiser told the *Brown Daily Herald*, “Swearer made it possible for the next president to pay more attention to the details of education.” Several faculty mentioned the founding of Brown's Institute for International Studies as an important Swearer accomplishment, and others agreed that Swearer had improved the morale of, and communications with, the faculty

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as a whole. "He left the University a better place than he found it," commented Professor of Economics George Borts.

Howard Swearer was inaugurated as Brown's fifteenth president in April 1977, giving him the longest tenure of any present Ivy League president except Harvard's Derek Bok. He came to Brown from Minnesota, where he had been president of Carleton College since 1970. Prior to that, Swearer had been associated with the Ford Foundation, first as program officer in the international division, and then as the program officer in charge of European and international affairs.

After earning his A.B. from Princeton's Woodrow Wilson School of Public and International Affairs (1954) and his Ph.D. in political science from

Harvard (1956), Swearer served for a year in the Army and then was appointed an American Political Science Association Congressional Fellow in 1959. He subsequently taught political science at UCLA from 1960-67, and served there as acting director of the Russian and East European Studies Center. He also was director of several Peace Corps training programs for Africa and Latin America.

Swearer has been described as having introduced at Brown the "era of the external president," in reference to his own outreach, as well as that of members of his senior staff, into community, state, and national affairs. He is one of three co-founders of Campus Compact, a coalition of more than 100 colleges and universities that promotes public-service activities for students;

serves as president of the Rhode Island Public Expenditure Council; is a member of the Council on Foreign Relations, a trustee of the Brookings Institution, and a past chairman of the American Council on Education's Commission on Governmental Relations. He has testified on many occasions before Congressional subcommittees on educational issues, and chaired a commission for former Rhode Island Governor J. Joseph Garrahy that carried out a comprehensive study of taxation and revenue flow between state and local governments.

"Instead of grieving," proposed Chancellor Salomon in his statement to the Corporation, "we should rather congratulate ourselves on the eleven years of progress Brown has achieved under [President Swearer's] leader-

Highlights of the Swearer presidency

When he announced his resignation, President Swearer was reluctant to comment on what his "legacy" to the University might be. He left the question for future historians to ponder.

Many areas of the University have blossomed during the eleven years of the Swearer presidency. Hallmarks of the era include increased attention to international issues and studies, the expansion of research funding and facilities, an emphasis on academic computing, and a revitalization of the University's financial structure and physical plant.

Some of the accomplishments of the Swearer years:

□ The curriculum and faculty research became increasingly interdepartmental. Nearly twenty-five new centers, programs, and departments were created to accommodate scholars whose interests overlap traditional boundaries. They include the Pembroke Center for Teaching and Research on Women, the Center for Alcohol and Addiction Studies, the Alan Shawn Feinstein Program in World Hunger, the A. Alfred Taubman Center for Public Policy and American Institutions, and the Population Studies and Training Center. The Program in Liberal Medical Education fully integrates medical education with the broader intellectual experience of the entire University.

□ Programs for foreign study

and cooperative research grew, and Brown became an academic institution of international stature. The Institute for International Studies, whose acting director is Swearer, coordinates and enhances the University's current programs for international research and study. Brown increased its formal agreements for academic exchange with foreign universities to more than twenty-five.

□ Brown's research enterprise has flourished. During Swearer's first fiscal year as president (1977-78), Brown received \$13.2 million in external support for research. For the most recent fiscal year, that figure was \$44.3 million—an increase of 235 percent.

□ Major facilities were added to support research and scholarship. The Geology/Chemistry Building is devoted entirely to research. The new Center for Information Technology will provide research facilities for the computer science department.

□ Brown became a leader in academic computing. The Department of Computer Science, established in 1979, has been a pioneer in using personal computer workstations for academic applications. The Institute for Research in Information and Scholarship, which promotes new computer-driven approaches to scholarship, is also studying the impact of computing on the entire Brown community.

□ Public service—on the part of the University and the individual—was encouraged. Swearer was one of three co-founders of the Campus Compact, an organization dedicated to advancing the cause of public service among the nation's young people. Swearer and his senior staff, who have testified before Congress on a variety of issues, have chaired or served as members on a host of community organizations.

□ The University's financial infrastructure was enhanced and secured. Brown's endowment, which totalled \$95.4 million at the end of fiscal year 1977-1978, rose to \$356.7 million at the end of fiscal year 1986-87, an increase of 274 percent. Fund-raising has improved dramatically, and after a period in which Brown was using its endowment to cover current operating costs, the University produced ten consecutive balanced budgets.

□ Brown is concluding the largest building program since the 1960s. New buildings or major additions on campus include the Olney-Margolies Athletic Center, the Geo-Chem Building, the Center for Health Care Studies, the Center for Information Technology, and the Sol Koffler Wing of the J. Walter Wilson Laboratory. Major renovation projects include Faunce House, Rogers Hall, Orwig Hall, and the John Hay Library. The Paul Bailey Pizzitola Memorial Athletic Center is slated to be built in the coming year.



JOHN FORANSTE

Howard and Jan Swearer face the media with the support of Chancellor Richard Salomon '32 (at Swearer's right) and former Chancellor Charles C. Tillinghast, Jr. '32.

ship." At the news conference, Salomon added that Swearer "has lifted Brown into the ranks of the great American universities." Former Brown Chancellor Charles C. Tillinghast, Jr. '32 seconded Salomon's comment, and said of Swearer, "He will be remembered as one of Brown's great presidents."

A selection committee has been formed to locate President Swearer's successor. Chaired by Chancellor Salomon, the committee consists of fourteen members of the Corporation. Fellows of the Corporation appointed to the committee are Alva O. Way '51 (vice chairman of the search committee), Nancy L. Buc '65, Willard C. Butcher '48, Ruth Burt Ekstrom '53, H. Anthony Itleson '60, Tillinghast, and Thomas J. Watson, Jr. '37.

Trustees serving on the committee are Harold Bailey, Jr. '70, John P. Birkelund, Sheryl Grooms Chapman '71, Artemis A.W. Joukowsky '55, Eleanor Hess McMahon '54 A.M., and Henry D. Sharpe, Jr. '45. The committee will be assisted by a national executive recruiting firm.

An advisory campus committee that will have input in the search process will be named shortly. Its members will include six faculty members, three undergraduates, two graduate students (one from the Program in Medicine), and two administrators. The selection and campus committees will meet separately during the search process, but will come together periodically to exchange information and to assess qualified candidates.

A.D.

New officers nominated to Corporation

Alva O. Way, III '51, chairman of J. Henry Shroder Bank & Trust Co. of New York City, was nominated as the new chancellor of the Brown Corporation by its nominating committee in October.

Three other officers were nominated by the committee, including Artemis A.W. Joukowsky '55, a private investor and former president of the Special World Markets Division of the American International Underwriters in New York, vice chancellor; Marie J. Langlois '64, senior vice president of Fleet National Bank in Providence, treasurer; and Henry D. Sharpe, Jr.,

'45, chairman of the board of Brown & Sharpe Manufacturing Company in North Kingstown, Rhode Island, secretary.

Way is former chief financial officer of General Electric Co., president of American Express International Banking Corporation, and president of The Travelers Corporation. He has served Brown as a trustee (1978-1983) and as a fellow since 1983.

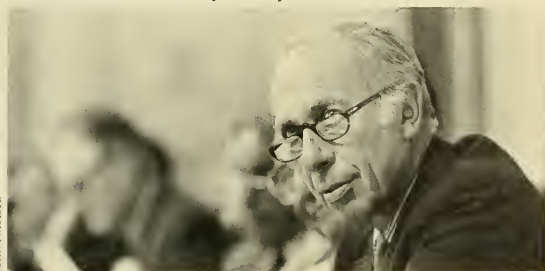
Way will succeed Richard Salomon '32 as chancellor. A retired cosmetics executive, Salomon has remained active in supporting non-profit organizations, including the New York Public Library.

Joukowsky, one of Brown's most generous supporters, is the founder and president of the Brown University Sports Foundation, which is trying to raise funds to endow the entire athletic program at Brown. He has also helped raise funds for buildings and facilities and helped establish the Center for Old World Archaeology and Art. He supports many other institutions, including the Boston Museum of Fine Arts and the Rhode Island School of Design.

Langlois was elected in 1980 by the Associated Alumni to serve as a trustee. She has served on many University committees, including those investigating corporate responsibility in investment, policies regarding South Africa, and the University's social commitments. She is currently chairing the fund-raising committee of the Pembroke Center for Teaching and Research on Women.

Sharpe chaired the Campaign for Brown, which was the largest fund-raising campaign in the University's history, raising \$182 million. He was elected a Brown trustee in 1954, a fellow in 1982, and vice chancellor in 1985.

The Chancellor-elect, Alva O. Way '51, is also serving as the vice-chairman of the presidential selection committee formed to find a successor to Swearer.



JOHN FORANSTE

Chemistry department seeks new formula to attract students

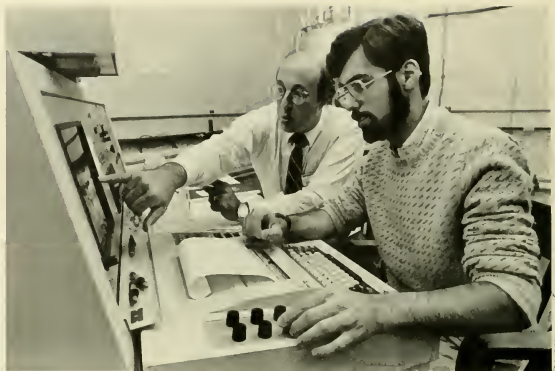
A worrisome trend has been spotted in chemistry departments at colleges and universities: The number of students interested in pursuing chemistry as a career has decreased by half since the early 1970s. According to Professor David Cane, chairman of Brown's chemistry department, fifteen years ago 3 percent of National Merit Scholarship finalists indicated their interest in careers in chemistry. That percentage has shrunk to 1.6.

"With the current national emphasis on American competitiveness," Cane says, "we should be worrying about the supply of technically literate people. The chemical industry is the largest employer of scientists in this country." Cane and his colleagues at Brown have been doing more than worry about it—they have been actively working to make the concentration in chemistry more attractive in a number of ways.

"The single most important experience in attracting people to careers in science is to get undergraduates involved in research," says Cane. "And Brown has a long, strong tradition of undergraduate involvement in research."

One roadblock to that involvement, however, is funding. After a lengthy hiatus, the National Science Foundation has recently reinstated funding for an undergraduate teaching assistantship program—a program that was responsible for piquing the research interest of many people on college faculties today. Brown has received a three-year grant in support of a summer program designed to get undergraduates involved in research.

"Summer research is more intensive and coherent than research performed during the year, when it's competing with other classes and activities," says Cane. "Summer research can be done around the clock." That kind of research immerses the student in the life of the research scientist in much the same way working in a hospital would show a pre-med student what being a doctor is about. The NSF grant has allowed Brown to pay these students a viable wage. "We feel we should be able to compete with the jobs science students could get in hospitals, labs, or industry," says Cane. "It's necessary for these students to become part of the 'culture' of the lab so they can make a better judgment that that is what they



David Cane, chairman of the chemistry department, helps Jeremy Selengut '89, who is working at a nuclear magnetic resonance spectrometer.

want in terms of a career."

Several of the undergraduates who work in research labs over the summer continue as teaching assistants—"which provides an opportunity to belong to the department and savor the flavor of instructing others," Cane explains. "An added benefit is increased lab safety—if the TA is more experienced due to his summer research experience, safety is enhanced," Cane says.

Tracy Hanna '88 decided to spend last summer working with Dwight Sweigart, an associate professor in chemistry working on organometallic research. She was the sole undergraduate in the lab. "I had no idea at the beginning of the summer what I was going to do after graduating," she says. "Now I have pretty much decided on graduate school. And I found that I really like research—I like the flexibility it provides, and I like working as part of a group. I had one small research problem that Dwight gave me. I know I contributed something to the project. It was great learning, and I really got into the problem."

Cane says that the department has actively sought—and received—other kinds of grants supporting their mission. The department was awarded a Ford Foundation grant to encourage students to consider a career in academics, and a private donor gave the department \$10,000 to encourage careers in chemistry. The department was also awarded \$25,000 from the Dreyfuss Foundation. "The Dreyfuss Foundation doesn't normally give money to

research universities," says Cane. "We made the argument that Brown is a uniquely good place where the best students are applying, and we have a strong research orientation."

Curricular changes in the chemistry concentration have included restructuring the course sequence to provide a faster track for the best-prepared students. Labs, too, have been changed to microscale labs, which reduce the size of experiments. "A microscale lab has several obvious benefits. Students learn better manipulation skills by handling smaller amounts of chemicals. Cost is reduced because the amounts of materials are so small, and as cost becomes a less important factor, teachers can choose experiments on the basis of content. A side benefit is safety—when you're dealing with these tiny amounts of chemicals, spills are less hazardous, and you have less chemical waste to haul away. Labs become more environmentally sound."

More money—\$2 million in the last six years—has been found to fund sophisticated instrumentation, which "increases the intellectual content of experiments and gives students more opportunity to observe rather than carry out routine manipulations." Both the microscale lab and the instrumentation come closer to duplicating what goes on in a research lab, Cane says, and introduce students to a more realistic environment.

"We've always had a strong commitment to teaching here. Recently we've been putting some effort into

thinking about the content of our courses, making experiments more challenging, trying to get better labs."

As Cane points out, "Ten years from now, a large proportion of American faculty members will be reaching retirement age. A large number of opportunities will be created for talented people in academics. The students who are freshmen now will be filling these jobs by 1997. But there is a diminishing fraction of students who are interested in faculty jobs. Although it's difficult to retool curriculums and labs, we have to do it. We have to find a way to fill unmet needs." K.H.

Computer technology: Where are we? And where are we going?

A gaggle of computer experts gathered at San Francisco's Fairmont Hotel recently to discuss with several hundred alumni and friends where the U.S. is and where it may be going in terms of computer innovation. According to John Sculley '61, chairman of the board and CEO of Apple Computer, Inc., this country is afloat in a sea of technology—but we may be lacking direction.

"We need a knowledge navigator," Sculley said, pointing out that technol-

ogies are in place, but we must make learning and knowledge-gathering easier and more fun for future generations. "The single most important positive step we can take toward the twenty-first century is to encourage and focus on our innovators and entrepreneurs."

Sculley's address sketched a sober yet far from hopeless view of the future of computing in America. He pointed out that, although the cost of computing has declined and the amount of knowledge available has increased, few visible signs of the "information age" are apparent.

Sculley might take heart from the program's earlier speakers. After an introduction by Deborah Coleman '74, vice president of finance and chief financial officer at Apple Computer, H.B. Siegel '83 and Robert Drebin '84 spoke of their current work at Pixar (BAM, October 1986). Siegel credited his undergraduate computer science courses, with their strong emphasis on graphics and the encouragement of Andries van Dam, professor of computer science, with providing a basis for his current success as a graphics programmer. After working several years for movie producer George Lucas, Siegel joined several friends in Pixar, where they now create animated films using computer images.

Bob Drebin is involved with another aspect of computer imaging. He uses computer data to create a three-dimensional picture, which can be rotated and viewed on the screen from any angle. The image of a human skeleton, for example, can be adjusted using differing amounts of transparency or opaqueness to show first the muscle layer, then the underlying skeleton.

Currently the imaging technique is being used in hospitals, where surgeons are using Pixar images instead of CAT scans. Drebin cited the "Humpty Dumpty" case, in which a group of doctors decided not to operate after reviewing an injured man's two-dimensional X-rays. The damage to his fractured pelvis was too severe to risk uninformed surgery, and the doctors told the patient he would probably never walk again.

The patient was flown to the medical center at Johns Hopkins, however, where doctors could review Pixar images of his pelvis: three-dimensional images that indicated more clearly the extent of the fractures. With a screen showing the pelvis in the operating room, the patient underwent successful surgery. Three months later he was doing deep knee bends, with no out-



Poli. Sci. resumes graduate program

There have been a number of changes in the political science department in recent years, not the least of which is the reestablishment of its graduate program. That program had been discontinued in 1974, making "poli sci" the only University department without one.

The first three students in the resumed Ph.D. program are (above, from left) Daniel J. Epstein, Siddharth Deva, and Robert B. Hackey. The graduate program emphasizes public policy, reflecting the department's strong ties to Brown's three-year-old A. Alfred Taubman Center for Public Policy and American Institutions. Department Chairman Roger Cobb says it is hoped that someday the graduate program will enroll between fifteen and twenty students.

There are other changes that have led to a new era of optimism and intradepartmental collaboration, Cobb says. More than half of the political science faculty are new in the last five years. In 1981, there were no assistant professors in the department; now there are seven. And more of the faculty is involved in research than previously was the case, Cobb says.

Undergraduate enrollment in political science courses is healthy, with eight or so courses enrolling more than 100 students. (Only two or three courses reached that level ten years ago.) "We're not just a pre-law track any more," Cobb adds. Fewer than half of the nearly 100 political science concentrators who graduate each year indicate that they intend to attend law school.

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ward signs of injury.

After hearing about these recent technological successes, program participants heard some perspectives on the current state of the art in educational innovation. Norman Meyrowitz '81, associate director of Brown's Institute for Research in Information and Scholarship (IRIS), addressed the group on the goals IRIS is pursuing.

"The tools for education and research are the same," Meyrowitz said, pointing out that teaching software will be the same as research software. He stressed the connection between individuals and ideas and the need to share and link information. "Scholarship is about making connections ... We need an ideabase, not a database."

Meyrowitz introduced Intermedia, "a new educational environment." Intermedia allows the computer user to link, or move between documents on interrelated subjects. For example, a student reading Tennyson's poetry may discover through his reading the connections between the words and the political, social, and religious standards of Tennyson's era.

While Intermedia is being used in certain classrooms, sociologists and anthropologists are observing and interviewing students to determine how this tool might affect learning. How does it add or detract from what happens in the classroom?

George Landow, professor of English and art history, leaves little doubt about the effectiveness of Intermedia as a teaching tool. "Students are doing better in the class, although they are spending less time on the course, and they don't think they're doing as well as they are. Intermedia allows professors to let students discover what they want to learn; it shows students there are questions they can ask," Landow said. Technology serves students, and learning has more relevancy.

Brian Hawkins, vice president for computing and information services, spoke on the future of computing at Brown. "Our goals have remained the same: Generation of new information, dissemination, and codification," he said. "But our methods have changed." Hawkins stressed his own goal of making technology available to all students, not just those studying the sciences or engineering.

These goals are coming closer to fulfillment with the near-completion of the new Center for Information Technology. The CIT will house facilities to serve the University's primary functions of teaching, learning, and research.

The center will integrate the thirteen operating systems and more than 7,000 microcomputers currently on campus, allowing greater interaction among students and faculty through computers. Open twenty-four hours a day, the new center is expected to serve as "the focal point of Brown's effort to integrate computers into the educational workplace."

Deborah Coleman closed the morning session with news about the CIT: The Kresge Foundation has recently offered a \$1.5-million challenge grant, donating a dollar toward every two dollars received from other donors.

John Sculley summed up the need for such places of learning. "The twenty-first century," he said, "needs a tool as revolutionary as the printing press was in the fourteenth century. We need to draw on our heterogeneous community to build a new way of thinking—not by searching for the lowest common denominator, but by supporting the diversity that leads to creativity."

Elisabeth Geismar

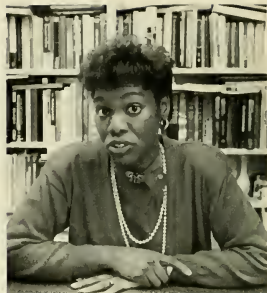
Elisabeth Geismar is a freelance writer in Stanford, California.

Adolescents don't stray far from home in political attitudes

Part of maturing from adolescence to adulthood is separating from parental authority—and, it sometimes seems, moving away from parental attitudes and beliefs. But, eventually, according to Fayneese Miller, a social psychologist and assistant professor of education, offspring will share their parents' attitudes and beliefs.

"Your beliefs and attitudes are shaped by your parents, and they never really change much," Miller says. "Your experiences may be very different from those of your parents—if you travel widely, or become more educated—but you don't shift much from the beliefs your parents instilled in you."

Miller has been interested in attitude development since she was doing graduate work at Texas Christian University and began working with adolescents. She was studying teenagers "misfits," trying to get some sense of whether or not the school system was meeting their academic and social needs. When she moved to New Haven, for a postdoctoral fellowship at Yale, Miller was "able to do what I wanted" and focused her research on 500 high school students at three different



JOHN FOREST

Fayneese Miller: How do we get teenagers involved in the political process?

schools over the course of two years. "I wanted to come to terms with where attitudes and beliefs come from. What structure are they given, and how do adolescents rationalize their beliefs?"

Miller questioned adolescents on a variety of political issues, and re-questioned them two years later. She based her research on a theoretical model that includes two kinds of beliefs: symbolic, which considers the values involved; and instrumental, which regards the consequences—either to the individual or to society. "What I found was that the closer an adolescent moved towards an issue, the more instrumental they became. For instance, a ninth-grader might have a symbolic belief about the [military] draft. But as he or she gets older and moves closer to the issue, the belief changes and becomes instrumental. As the adolescent becomes more personally involved in an issue, the less influenced he or she is by symbolic beliefs."

Although she found that ninth-graders were more symbolic in their beliefs, there is a component of the symbolic belief model that gave Miller problems. "Some people are symbolic in their beliefs, but it grows out of ignorance. Some people are very religious, but when you question them about their beliefs, they will only be able to say, 'Because God says so.' They don't think the issue through. I argue that in some ways ninth-graders are like religious fanatics—they don't have the language to think the issues through."

In her first study of the New Haven results—data Miller is still plowing through—she discovered that teenagers at predominantly minority schools tended to be instrumental.

"They only thought in terms of consequences. At the minority schools, they have to deal with a lot of issues on a day-to-day basis. Things like federal budget cuts gave these kids a sense of entrapment, of helplessness. An issue like the federal budget became very personal for them. Kids at mostly white, middle-class high schools, however, were very symbolic—they thought in terms of what societal values are. Their responses to issues were very much in line with what they were taught, with prevailing attitudes of their teachers and parents.

"The really discouraging thing is that most kids, even the minorities, didn't see issues as being important to them."

This finding was verified when Miller conducted a second study, which sought the level of engagement adolescents had in society. "I questioned students about their attitudes and asked them how involved they were. Out of 250 high school students, five were politically active."

Miller came to Brown two years ago. Last summer, she took advantage of some of the high school programs held at Brown and tested adolescents on how they perceive themselves in relation to the community. "I asked them if they thought it was a problem getting people to do volunteer work, and the majority said no. But most of them were not involved. I asked them what can be done to encourage high school students to do volunteer work, and the majority of the responses were self-interested. They suggested adolescents would get involved if they were paid, or if they got extra credit in school, or if their names were published in the newspaper, or if it counted towards college admission.

"The majority of these adolescents didn't feel any commitment to society, and that is very disturbing."

Miller is being given laboratory space on campus to continue her work on adolescent political attitudes. "There are few people who are working in this area," she says. "Attention tends to be paid to the problems of teenage pregnancy and drugs, but these things really affect only 10 percent of adolescents. I want to look at the other 90 percent—what are their social reasoning skills and political attitudes, and how are they linked? How do we get kids involved in the political process?"

The daughter of two fiercely active civil-rights workers, Miller believes that she internalized her parents' activism. "Without my being aware of it, I was



A zucchini vine grows in the Bronx

Eight Brown students spent last summer creating a community farm on a vacant, rubble-strewn South Bronx lot. The fruits (and vegetables) of their labors provided food for residents of the Lafayette Avenue neighborhood, and for a picnic (see above) in honor of the project's sponsors.

Lining up for homegrown string beans and zucchini (the latter used to bake bread) are neighborhood children who helped with planting and weeding. Also pictured are several Brown students, including Paola Vita '89, in the background, with headband.

The garden, which produced some 1,700 pounds of pumpkins, tomatoes, eggplant, corn, and other vegetables, was phase two of the South Bronx Summer Project initiated in 1986 by Paul Lipson '87 (*BAM*, February). A number of corporate and foundation sponsors provided \$40,000 for this year's effort. Roy Facey '90, who worked on the community farm project, will return to the Bronx next summer to coordinate its expansion.

The Bronx project has generated much interest among Brown students; last summer's eight workers were chosen from among sixty-two applicants.

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instilled with a very strong political awareness. My parents were poll workers, and in my household there was simply no such thing as not voting. When I was in high school, I couldn't vote, but I went out and worked on McGovern's campaign. My parents had a strong influence on me."

Miller teaches classes in adolescent psychology and is looking forward to getting back into the laboratory. "I hate not doing research. Who I am, what I am as a teacher—it's all tied into that."

K.H.

Experiencing a fountain

As the jackhammers and welders went to work last month building the new Center for Information Technology, a smaller, quieter creative act was taking place 100 yards from the front of the CIT building. Celia Imrey '88 was using water, light, color, and the energy of her mind to create a shimmering, splashing, ephemeral work of art. She was building a temporary wa-

ter fountain that played for three weeks in the shadows of the hulking Sciences Library, the GeoChem Building, and the new CIT edifice.

Imrey, an art/semiotics concentrator from Boston, decided to build a water fountain for her honors project although she had no experience doing anything like it. When she had to decide what to do for her project, she realized that there aren't any water fountains on campus. "There's a dry fountain of a bear in the post office courtyard, but that's it. And I like art that's displayed outdoors. A diversity of people can respond to it. I've always been interested in doing something spontaneous that people can respond to. And they automatically respond to this."

They do. People who walk by the fountain either watch it as they pass, or stop and stare, or, as Imrey hopes, walk across it. It's no accident that this fountain, in the shadows of the new computer facility, is "user friendly." It's not a traditional fountain—Imrey wanted to "demonumentalize fountains"—so the water doesn't spray up into the air.

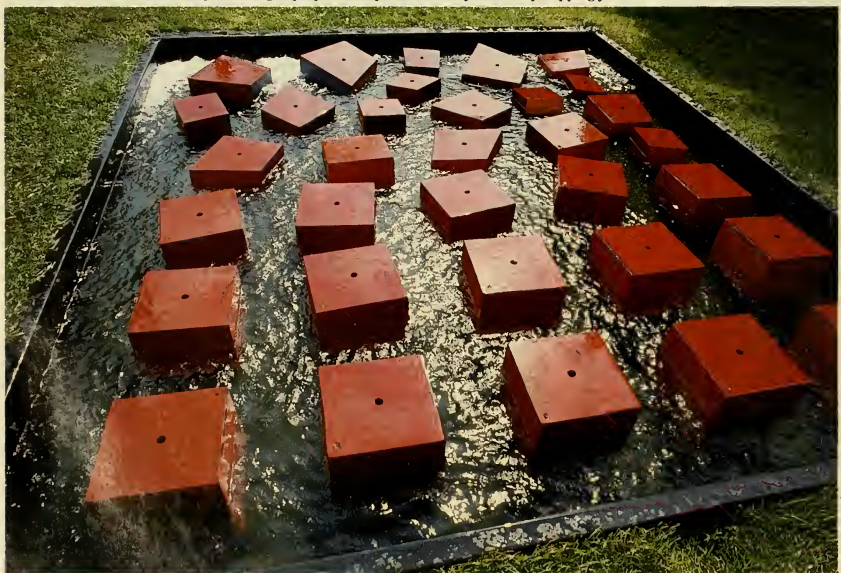
The fountain is a rectangle, covered with black vinyl and dotted with a series of plywood cubes that are covered with epoxy paint in varying hues and shades. The water flows from one end of the basin to the other, bubbling furiously at one end when it hits the cubes, and flowing calmly at the other. The cubes, which have small holes in the middle, are meant to be walked on, so people can "experience" the fountain.

"I kind of like the ambiguity the fountain creates," says Imrey as she watches people try to figure it out. "It's not just big jets of spouting water."

"Hey," a passing student says in a timely fashion, "why doesn't the water spout out of the holes?" The holes are merely functional, she explains. They made it easier for her to carry the cubes from place to place when she was building it, and they also allow the cubes to fill with water, which anchors the structure.

Another passerby asks why the cubes are painted the way they are. "The different shades of color," explains Imrey, "give an illusion of shadows playing against the sides of the cubes. You also get the sense that the cubes are floating

Please walk on the water: Imrey encouraged people to "experience" her fountain by stepping from block to block.



in the water."

Unlike many people who create a piece of art ("I'm not an artist," she exclaims; "I'm a student"), Imrey is happy to explain what her fountain is all about. "I think it shows the contrast between chaos and order—the way the water is chaotic at one end, and calm at the other. It also says things about architecture, and the way the environment relates to architecture. And it's about science—the relationship of the cubes to each other mimics molecular structures of chemical compounds."

Imrey has spent a lot of time watching people watch her fountain, in part because she derives a lot of pleasure from the feedback, and in part because she has to. Someone has to stand guard over the fountain, and make sure people "experience" it safely. "I had to get a \$1-million liability insurance policy to cover myself. And Brown is insured, too. Getting myself insured was part of the process, and part of what I have loved so much about the project."

The process began when she sought approval to dig up the ground and plant a fountain. "I had to get it approved by my academic advisors, and then the Campus Planning Committee. Then I had to raise the money for the whole thing. I made a decision that, rather than going and asking wealthy art patrons to sponsor this, I would seek help from the business community, and ask for products, not money. Everything got donated, from the pipes and pump, to the champagne and food for the opening reception, to the backhoe that Gilbane Building Company donated to come in and dig the hole. I loved talking to people about what I was trying to do. I got some pretty funny reactions when I told people I was building a fountain out of wood."

Imrey has definite ideas about the relationship between the business community and the art world. "I think businesses come through for art when they feel they're needed for more than just the money. That's why I decided to ask for services or projects rather than just money. The man who donated the pipe and water pump had never been involved in anything like this before. I think it expands the capacity of what people normally do. It raises their art consciousness."

Imrey's fountain will splash no more after the beginning of October, although she is going to petition to make it a permanent part of the campus. "I don't care if my fountain is made permanent, but I really think that this

part of the campus could use a fountain. Water movement really draws people in. It has a living quality; it seems to move itself. And the sound of the water is lovely. People really love a fountain."

Imrey says she didn't know what she was doing when she first conceived of designing a fountain, and she will admit that it's not a perfect project. She'll point out the design flaws herself. "This is by no means a final statement. Studio art majors are supposed to make final statements with their final shows, but I'm suspicious of exclamation points. I think you have to acknowledge ambiguity, confront it, and use it. If this fountain makes any kind of personal statement, it's just that I'm pretty young and still unresolved about what I'm doing in life. I'm trying to be firm in my indecision and not worry about the things I don't know about."

Out of the chaos will come some order. K.H.

New Phi Beta Kappa directory announced

It was more than thirty years in the making, but *A Supplement to More Than A Century of Scholars*, a listing of all members of the Rhode Island Alpha of Phi Beta Kappa, will be published this spring.

According to Gladys Chernack Kapstein '40, president of the Alpha, the supplement is a listing of all members of the Alpha elected from 1955 through 1987. The publishing of this volume completes the printed listing, in three volumes, of Alpha members from 1832.

Details about cost and shipping will be announced in the Alpha's annual newsletter, which will be mailed this month. Questions may be directed to the Alpha office at (401) 863-2288.

People

Two faculty members in the Program in Judaic Studies have been honored recently by other institutions. **Ernest Frerichs** '48, director and co-founder of the program, was among three Boston University alumni to receive a plaque and citation as a "Distinguished Alumnus for 1987" at commencement of the Boston University School of Theology last May. Frerichs received a Ph.D. degree from BU in biblical studies.

Jacob Neusner, University Professor and Ungerleider Distinguished Scholar of Judaic Studies, was awarded an honorary degree of doctor of Hebrew letters by the Jewish Theological Seminary of America at the inauguration of the sixth chancellor of the seminary. Neusner's honorary doctorate recognized "the distinction with which you have served Jewish scholarship and the academic world." In 1960, Neusner received a rabbinical degree and a master's degree in Hebrew language from the Jewish Theological Seminary.

Two Brown faculty members are among forty-three newly-appointed Fellows at the Mary Ingraham Bunting Institute of Radcliffe College. **Nancy Rosenblum**, associate professor of political science, was selected for her political science project, "From Person to Self: The Psychological Revolution in Political Philosophy." **C.D. Wright**, assistant professor of English, was chosen on the basis of her poetry project, "The Compleat Birth of the Cool." Martha Ellen Davis, who was a visiting assistant professor in the music department last year, was selected for her ethnomusicology project, "Caribbean Cults and Cosmos: The Religious Musical Culture of the Dominican Republic."

The Bunting Institute, one of the major postdoctoral research centers in the country, is a multidisciplinary program for women scholars, scientists, artists, and writers. This year's fellows were selected from more than 500 applicants on the basis of their projects' significance to their fields and to their own careers.

Wendell H. Fleming, professor of mathematics, and **Herbert Federer**, professor emeritus of mathematics, were honored at the annual meeting of the American Mathematical Society for their article, "Normal and Integral Currents," which was published in *Annals of Mathematics* in 1960. The article was honored for its lasting importance in the field.

The music department has a full-time artist-in-residence this year. Master drummer and dance artist **Freeman Donkor** has joined the department and will be offering a variety of courses in African drumming and dance. A member of the Ewe tribe from Ghana, Donkor has been teaching at Brown part-time for several years.

Michael Harper, I.J. Kapstein Professor of English, received an honorary

UNDER THE ELMS

degree during Trinity College's 161st Commencement last May. The distinguished poet and professor of creative writing received a doctor of letters degree.

Union College saluted Professor of History **Stephen R. Graubard** by awarding him an honorary degree at its 193rd commencement ceremonies last June. Graubard is editor of *Daedalus*, the journal of the American Academy of Arts and Sciences.

During Brown's own Commencement weekend last May, Professor Emeritus of English and Comparative Literature **Edwin Honig** was decorated by Mario Soares, the president of Portugal who was at Brown to receive an honorary degree. Honig received the decoration *Cavaleiro da Ordem Militar de Santiago de Espada* (Knight of the Military Order of Saint James of the Sword) for his contributions to the world's knowledge of Portuguese culture and letters. Honig recently translated works of the twentieth-century Portuguese poet Fernando Pessoa.

Music professor **Ron Nelson** has been named an ASCAP Award recipient for 1987-88 by the American Society of Composers, Authors and Publishers. Granted by an independent panel, the awards recognize the prestige value of a composer's catalogue and the performances of his or her compositions.

Two members of the medical faculty were honored last spring with master-ships from the American College of Physicians. Dr. **Paul Calabresi**, chairman of the Department of Medicine and vice president for academic affairs and physician-in-chief at Roger Williams General Hospital, was honored for his research on the clinical pharmacology of antineoplastic agents. Dr. **Milton Hamolsky**, professor of medical science, retired chief of medicine at Rhode Island Hospital, and co-chairperson of the Rhode Island Board of Medical Licensure and Discipline, was honored for his research on the thyroid.

Professor of Sociology **Sidney Goldstein** has been elected to the board of directors of the Council of Jewish Federations. He is the first to hold a newly-created position on the board reserved for an academician. The Council represents some 5.7 million Jews in the U.S. and Canada. Goldstein has done considerable research on the Jewish-



Lit by the late afternoon sun, and highlighted by the blazing colors of changing leaves, the Kicking Woman Singers and Dancers entertain a rapt audience on the Green on October 19. The troupe, which was sponsored by the Haffenreffer Museum, is from the eastern slope of the Rocky Mountains in Montana. The nine singers and dancers include adults and children.

American community, including the Jewish population of Rhode Island.

Robert W. Kates, professor and director of the Alan Shawn Feinstein World Hunger Program, has been elected a Fellow of the Council of the American Association for the Advancement of Science. AAAS Fellows are those "whose efforts on behalf of the advancement of science or its applications are scientifically or socially distinguished."

A gift from **Finn M.W. Caspersen** '63 will support the creation of a map room in the new wing of the John Carter Brown Library. The O.W. and Freda R. Caspersen Map Room, named in honor of Caspersen's parents, will include improved research space for scholars in cartographic history and improved and expanded housing for the library's distinguished collection of early maps and atlases.

Richard Westerfield has been appointed music director of the Brown University Orchestra. In addition to conducting Brown's orchestra, Westerfield is working part-time for the Rhode Island Philharmonic Orchestra as its assistant conductor.

Marguerite Woodworth Wriston, widow of former Brown President Henry M. Wriston, died in New York City on October 7 at the age of ninety-two. Mrs. Wriston, a former dean of women at Oberlin College, married President Wriston in 1947 after the death of his first wife. Survivors include her step-daughter, Barbara Wriston '42 A.M., and her step-son, Walter Wriston, who received an honorary degree from Brown in 1969.

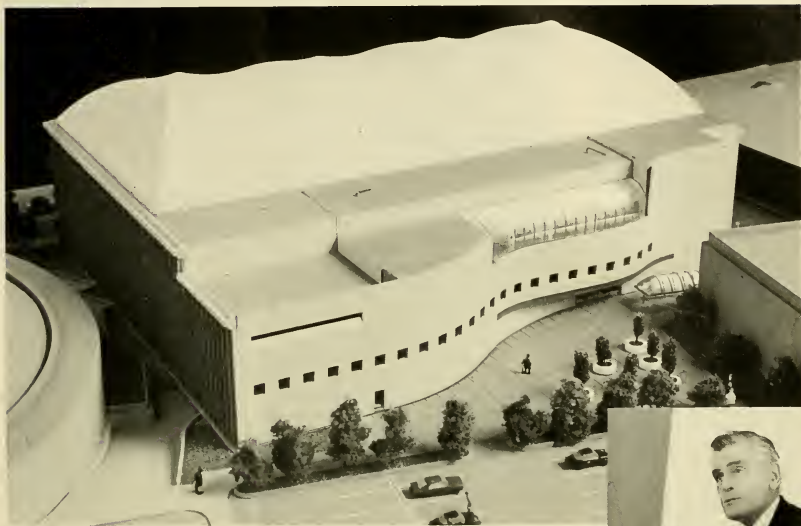
BAM seeks assistant editor

The *Brown Alumni Monthly* is seeking an assistant editor to replace Katherine A. Hinds, who is resigning in December to become director of publications at The Lawrenceville School. Applicants should hold a bachelor's degree and have at least three year's experience writing for a magazine. Editing and proof-reading experience would be helpful. A Brown alumnus is preferred, but certainly not required. Applicants should send resumes, with six examples of their writing, to Rose Hallback, Personnel Department, Box 1879, Brown University, Providence, R.I. 02912 by December 15, 1987.

SPORTS

By James Reinbold

The Pizzitola Center: A 25-year-old dream becomes reality



On October 17—a warm, sun-dappled morning—under a blue-and-white striped tent, more than 100 friends of Brown athletics gathered to dedicate Brown's new gymnasium, the Paul Bailey Pizzitola Memorial Center. Ground was broken on a landscaped island of trees in the asphalt parking lot behind Meehan Auditorium, where the new structure will stand. The gym will replace Marvel Gym, which has been sold to developer Lyle Fain '67, who plans to convert the historic brick building on Elmgrove Avenue into condominiums.

Ever since Brown acquired the forty acres known as Aldrich-Dexter Field in 1960, the plan has been to centralize all athletic facilities there. Meehan Auditorium was built in 1962, the Smith Swim Center in 1972, and the

Olney-Margolies Athletic Center in 1981. Construction of the Pizzitola Center will be completed in 1988.

Calling the occasion "the nicest thing that has happened to Brown in a long time," President Howard Swearer said, in his ceremony-opening statement, that the facility will benefit athletes and students alike. Singling out basketball coach Mike Cingiser '62, who was lured to Brown with the promise of a new gym when he was recruited as a player in 1958, Swearer said, smiling, that the wait has been long for some.

Artemis Joukowski '55, chairman of the board of the Brown Sports Foundation, spearheaded the fund-raising drive. The athletic center is the final building to be built on the Aldrich-Dexter site and is, he said, "a splendid



JOHN FORANSTE

A model of the Pizzitola Center shows the new gymnasium nestled between Meehan Auditorium (on the left) and the Olney-Margolies Athletic Center (right). Frank Pizzitola '49 (above) said of his late son: "Paul would have wanted this to be a day of celebration."

capstone to Brown's athletic complex." Joukowski praised the "swift and generous" response of the Pizzitola family, whose magnanimous gift of \$2 million pushed the campaign close enough to its \$8.3-million goal to allow construction to begin.

The center is named in honor of Paul Bailey Pizzitola '81, who died of cancer at the age of twenty-five in 1984.

Director of Athletics John Parry '65 said that while a new facility doesn't insure victories, it does "insure that Brown athletes will be better prepared." In addition to providing a permanent home for gymnastics—the facilities at Sayles Gym were not regulation size and the team scheduled all their meets away—the center gives autonomy to wrestling, which will not have to share space. A glassed-in area allows up to 150 spectators to watch women's squash meets.

For the Pizzitola family, the dedication and groundbreaking was a day of mixed emotions. Frank Pizzitola '49, an investment banker with Lazard Frères & Company, spoke of that as he remembered his son. But, he said, this was a day for celebration: "Paul would have wanted it that way. With this facility, we celebrate Paul's memory. Brown University, and Paul's experiences here."

The gym will house men's and women's basketball, volleyball, wrestling, and gymnastics, with bleacher seats for 2,500. Additional room in the 100,000-square-foot building has been provided for two practice courts, a room for other gymnastics, and all the coaches' offices now located in Marvel.

The Paul Bailey Pizzitola Memorial Athletic Center will take thirteen months to complete. An agreement worked out with developer Fain insures that winter sports as scheduled will take place at Marvel Gym during the 1987-1988 season.

A win over Cornell revives hopes of an Ivy football title

Brown's hope for its first Ivy League football championship since 1976 was fueled by a stunning 23-15 victory over Cornell at Brown Stadium October 17. The win put the Bruins in sole possession of first place with a 3-1 record, ahead of Cornell, Princeton, Penn, and Harvard, all at 2-1. And, as in weeks past, the defense contributed significantly to the win.

Fall Roundup

Field hockey broke open a tie game with four second-half goals to defeat Holy Cross, 5-1, in the season opener. Liz Hollander '89 and Natalie Monteiro '90 each had one second-half goal, and Barbara Wiley '90 closed out Brown's scoring with back-to-back scores off corner strokes. Susan Donovan '90 and Joann Monteiro '88 each had two goals as Brown toppled Yale, 5-2, in its Ivy League debut. The Bruins took a 3-0 lead in the first half en route to their second victory of the season. Sarah Lamont '91 had fourteen saves.

Springfield scored a goal in the second half, and Brown had to settle for a 1-1 tie. Kathryn Wilder '89 scored for the Bruins. Lamont had twenty-one saves.

The Bruins then split their next two Ivy League contests, beating Princeton, but losing to Dartmouth. In the Princeton victory, Wiley scored first for Brown. Princeton tied the game midway through the second half, but Joann Monteiro scored two minutes later.

Women's soccer spotted Yale a goal early in the first period, then showed their superior strength by scoring four times in the second half to beat the Bulldogs, 6-2, in the Ivy League opener for both teams. Theresa Hirschauer '89 scored twice.

Karen Alderton '90 scored on a corner kick at 2:42 of the first half giving Brown, the eleventh-ranked team in the nation, a 1-0 victory over Rhode Island in a game played on a muddy, windswept field in Kingston. Brown and Keene State then battled to a double-overtime 1-1 tie. The loss was especially hard for the Bruins, who felt they should have won the game. "Luck wasn't with us," said Coach Phil Pincine. "We just didn't get the breaks. We could have won this game, 4-1. But one shot hit the post and two others banged the crossbar." Hirschauer scored Brown's goal, and Kathy Tarnoff '91, according to Pincine, "turned in a tremendous job at net."

The team remains undefeated in Ivy competition, adding wins over Dartmouth and Princeton after Yale.

Men's soccer is 3-3 as Coach Cliff Stevenson tries to solve his team's lack of scoring punch. The season's opening game was scoreless until the 78:07 mark, when Yale scored, then followed in the next ten minutes with two more. Jonah Goldstein '91 had six saves. Brown managed only five shots on goal.

Junior midfielder Joe Maloney broke a 2-2 tie in Brown's win over Princeton. John Schmidlein '88 and Brett Buggein '90 also scored. Goldstein, picking up his first Ivy win in goal, made eight saves. Then, in Philadelphia, Penn scored the only goal of the game in the second half. Brown made only three shots in the game, none in the second half.

Women's cross country's new coach, Mike Muska, was more pleased by his runners outpointing Massachusetts than distressed by Yale running away with first place in the first dual meet of the 1987 season. "It was a good first meet, but there is still plenty of room for improvement," he said. Betsy Schmid '88 and Tricia Woods '88 placed sixth and seventh respectively.

In a tri-meet, the Bruins beat Northeastern and lost to Harvard. Top finishers were Sue Skinner '90 (sixth) and Woods (eighth).

Chris Schille '88, David Alden '88, and Greg Whiteley '89 crossed the finish line in a three-way tie for first place as **men's cross country** topped Northeastern and Harvard. Junior David Ryan finished sixth.

Two freshmen, Laura Caron and Amy Randel, led **volleyball** in a straight-set win over Dartmouth. The team is undefeated in Ivy League competition. Complementing the freshmen are senior co-captain Ginny Tom and Jessie Kowal '89.

Water polo finally gained some measure of revenge on Navy by winning a triple-overtime thriller, 7-6, at Annapolis. Last season, Brown lost to Navy four times, including the finals of the Eastern Championships and the second round of the NCAA tournament. Navy also won the first meeting of the two Eastern rivals this season, 14-8, at the Smith Swim Center.

This is not the unbending defense of 1985 that shut out four Ivy League opponents. This defense is flexible; it bends almost to the point of breaking, but it is unyielding in moments of crisis. And it has a flair for the dramatic.

With just under four minutes left in the first half, the defense stopped Cornell on a fourth-down play. Inspired by those heroics, quarterback Mark Donovan '88 led a 69-yard touchdown drive, tying the score at 9-9. On the afternoon, the Bruin defense picked off four Cornell passes, and Dan Kohl's '90 blocked punt set up a score in the third quarter.

Early in the game, the Brown offense was stagnant. It managed only two first downs, and two turnovers proved costly: a Greg Solomon '88 fumble led to a Cornell touchdown; and one by Donovan set up a field goal.

But with the score tied at halftime, the Bruins knew they were in good shape to win. They would have had a one-point lead, but Cornell blocked Alex Kos's '88 extra-point attempt, stopping his career consecutive streak at twenty-six.

The fact that Cornell outgained Brown 248-70 in passing and 374-288 yards overall didn't make a bit of difference when the final score was tallied. The defense stopped Cornell inside the 20-yard line three times in the second half, forcing the Red to kick field goals. Greg Kylish '88 had two of the four Brown interceptions, and Donovan rushed for the longest gain of the afternoon, a 66-yard touchdown run that put Brown ahead, 16-9. Cornell came back with a scoring drive of their own, but the defense held and a field goal made the score 16-12.

The win over Cornell showed that this Bruin team has a lot of heart and courage. After losing to Penn the previous week, many fans were haunted by images of last year, when successive losses to Penn and Cornell dashed Brown's Ivy League championship hopes. But this year the Bruins came back from the Penn loss with a big win over Cornell.

Sporting a 17-0 lead early in the second quarter the week before, Brown appeared ready to deliver a knock-out blow to Penn's hopes of repeating as Ivy League champion. Penn had already been staggered by a loss to Cornell at Franklin Field.

After scoring Brown's second touchdown, Donovan engaged in a little end-zone exuberance, waving the football at Penn defenders. This display of emotion was understandable: Brown

had not beaten Penn in Philadelphia since 1981. But Coach John Rosenberg knew differently. On the sidelines he warned his quarterback that it was much too soon for such histrionics. His warning was prophetic. Penn suddenly awoke from its lethargy and rallied for thirty-eight unanswered points.

Whether or not it was Donovan's taunting that awoke the sleeping dog in Penn is arguable. But the Quakers played a different game after spotting Brown the seventeen-point advantage. The offense controlled the ball for most of the second half, including the last eight-and-a-half minutes, and the defense hit Donovan for four fumbles—three lost—and an interception. And

they kept Brown's offense mired deep in its own territory throughout the rest of the afternoon.

Donovan's second fumble led to a Penn touchdown and its first lead of the game with four seconds left in the third quarter. A two-point conversion made the score 24-17.

Brown scored first on a seventeen-yard pass from Donovan to Jamie Simone '88, after taking over on the Penn 22 following Scott McCaleb's '88 block of a punt and George Reilly's '88 recovery. The touchdown was only the second passing score of the year. The Bruins increased their lead to fourteen on a six-yard run by Donovan. Kos's

continued on page 55

Scoreboard

(Through October 18)

Football (4-1)

Brown 17, Yale 7
Brown 17, Rhode Island 15
Brown 13, Princeton 7
Penn 38, Brown 17
Brown 23, Cornell 15

Field Hockey (5-2-2)

Brown 5, Holy Cross 1
Brown 5, Yale 2
Brown 1, Springfield 1
Brown 1, Boston University 1
Dartmouth 2, Brown 0
Brown 2, Princeton 1
Brown 1, Rhode Island 0
Brown 2, Penn 1
Cornell 1, Brown 0

Women's Soccer (6-4-1)

Brown 5, Providence College 2
Brown 6, Yale 2
Brown 1, Rhode Island 0
Brown 1, Keene State 1
Brown 3, Dartmouth 1
Brown 2, Princeton 0
Connecticut 1, Brown 0
Massachusetts 1, Brown 0
Holy Cross 3, Brown 2
Cornell 1, Brown 0
Brown 6, Columbia 0

Men's Soccer (5-3)

Yale 3, Brown 0
Brown 2, Rhode Island 1
Brown 3, Hartford 2
Brown 3, Princeton 2
Boston University 2, Brown 0
Penn 1, Brown 0
Brown 1, Boston College 0
Brown 4, Cornell 1

Water Polo (5-4)

Brown 18, Slippery Rock 5
Brown 13, Bucknell 10
Navy 14, Brown 8
San Diego 11, Brown 8

UCLA 15, Brown 1
USC 16, Brown 7
Brown 6, Harvard 4
Brown 9, Iona 6
Brown 7, Navy 6

Volleyball (11-6)

Connecticut 3, Brown 1
Brown 3, Fairfield 0
Brown 3, Yale 2
Connecticut 3, Brown 0
Providence 3, Brown 0
Brown 3, Massachusetts 1
Brown 3, Dartmouth 0
Brown 3, Yale 1
Fairleigh Dickinson 3, Brown 0
Brown 3, Connecticut 1
Brown 3, Syracuse 2
Brown 3, Colgate 0
Syracuse 3, Brown 1
Brown 3, Connecticut 0
Cornell 3, Brown 2
Brown 3, Columbia 0

Women's Tennis (2-2)

Brown 5, Rutgers 4
Boston College 8, Brown 1
Brown 7, Providence 2
Boston University 7, Brown 2

Women's Cross Country (3-3)

Brown '45, Massachusetts 82
Yale 15, Brown 45
Dartmouth 25, Brown 31
Brown 31, Middlebury 83
Harvard 16, Brown 41
Brown 20, Northwestern 42
15th, Paul Short Invitational at Lehigh

Men's Cross Country (3-4)

Brown 15, Wm. Patterson 50
Southern Connecticut 19, Brown 41
Fordham 21, Brown 34
LaSalle 24, Brown 31
Navy 18, Brown 45
3rd at Maryland
Brown 20, Harvard 35
Brown 16, Northeastern 41
1st, Paul Short Invitational at Lehigh



BROWN
UNIVERSITY
Women's
College
Fund.
Committee.
1895.



Pembroke is back at Brown

A center for the study of gender blends tradition and research

By Katherine Hinds

A photo of early Pembroke (circa 1905) contrasts with snapshots of three of today's women's studies concentrators: Miven Booth '88, Catherine Saatfield '88, and Rinku Sen '87 (left to right). The Pembroke Center for Teaching and Research on Women combines a teaching component, a research component, and an archives—which houses items such as this ribbon.

Photographs by John Forasté

Design by Kathryn de Boer

The graceful spiral staircase that twists through the core of Alumnae Hall is one of the more memorable architectural embellishments on the Pembroke campus. That staircase now deposits visitors on the doorstep of the Pembroke Center for Teaching and Research on Women—a center that is involved in research on gender issues that puts it at the forefront of women's studies scholarship in this country, while maintaining ties to the rich archival history of its namesake.

"What we're trying to do here," explains Elizabeth Weed '73 Ph.D., associate director of the center, "is to preserve the tradition of Pembroke College. We want to find a constructive way of looking at the role of women, the contributions women have made, and bring them alive through the center. We also want to make the connections between the early history of this college and current research on gender."

The center is involved in gender research, but it is research with an added filip: It attempts to study gender *cross-culturally*. Weed explains:

"Most gender research centers are more social-scientifically oriented. What we've done here is to move away from policy orientation. Often policy studies, although important, are based on assumptions of gender that aren't true. Cross-cultural perspectives are important. Gender differences look deceptively similar cross-culturally and historically. That deception hides many important differences."

Barbara Babcock, a professor of anthropology who was recently appointed director of the center, believes that the Pembroke Center is "distinctive because of its focus. Most women's studies programs take a different approach. We are saying that you can't just look at women's problems and the way women are imaged: The two are connected. Other places may study problems of women, such as women

and welfare or the feminization of poverty. They never consider the symbolic side—the way women are being written about, the way the issue is presented. We're saying: Look. It's not just a biological difference. There are real material problems, but we have to look at them in terms of cultural construction. The structure and theme of the Pembroke Center as they have been developed are important."

Former Nancy Duke Lewis Professor Joan Scott, who directed the center from 1982 to 1985, is now a member of the School of Social Science at the Institute for Advanced Study in Princeton, New Jersey. She and Weed were responsible for setting the center up in such a way that gender was examined cross-culturally. They sought and received more than \$400,000 in grant monies to build a three-year research project entitled "Cultural Constructions of the Female." According to Scott, the project was unique because it addressed a set of questions on women and culture more completely and exclusively than had been done before. It offered both the opportunity to understand how gender inequities operate in societies and the hope of insight into how equity might be achieved.

The study of cultural constructions of gender has continued for another three-year period, with funding from the Ford Foundation, the National Endowment for the Humanities, and the Rockefeller Foundation. (One thing the center has been quite successful at is accruing grant money. "For a humanistically-oriented research center, we've gotten a lot of funding," says Weed, knocking the wood on her chair frame.)

The second three-year period of the project has an increased emphasis on cross-cultural study. The topic is "Cultural Constructions of Gender"; this year's theme is "Gender, Ethnicity, and Race."

Different aspects of gender are being examined in an ongoing weekly seminar. The seminars involve post-

doctoral fellows, visiting scholars, faculty from different departments, graduate students, and undergraduates who sit down once a week to pursue answers to abiding questions. "The heart of the research component of the center is the seminar," says Weed.

Everyone involved in the Pembroke seminar agrees that one of the most fulfilling aspects of the experience is its interdisciplinary nature. "The fact that the seminar is interdisciplinary means we are all forced to address political, ethical, and fundamental questions, not merely reinforce our own ideas and opinions," says Ana Maria Alonso, an anthropologist who is a postdoctoral fellow this year. "At a recent meeting of the seminar group, there were questions raised about bias on the part of anthropologists. What was great was that it was an undergraduate doing the questioning. Everyone participates—and the undergraduates are incredibly well-prepared."

Alonso is studying gender, ethnicity, and race in northern Mexico. "I was attracted to this year's topic because of the link between gender and race. For so long, gender was narrowly focused on women's roles. Linking gender and ethnicity has begun to happen in multidisciplinary ways where domination and oppression are the keys. I think those are fundamental issues. When you look at cultural construction, you are concerned with meaningful forms not divorced from the question of power."

Alonso traveled constantly as a child, which caused her to "be very aware of otherness." Her research has been concerned with questions of domination and social change, and what happens in order for society to be changed. Her current work is focused on "what the role of the state is in the constitution of forms of identity, as well as the response of the people who are the objects."

"I'm usually horribly critical," admits Alonso. "But I think the Pembroke Center is great. What's at issue is not so much the academic performance of the seminar participants, but an attempt to engage each other in academic problems. I haven't seen anything like it."

Katherine Platt is a University of Minnesota graduate who spent the last ten years in London, where she received her doctorate in anthropology at the London School of Economics. She is at a transition point in her research,

1890: the coach, Thomas Crosby, and cast of *Twelfth Night*, produced by the Alpha Beta fraternity. Also, other Alpha Beta pins and seals.



and applied for the Pembroke fellowship in order to take a year to switch gears.

"My work hasn't been strictly on gender—it was more on ethnicity," Platt says. "My dissertation was on a group of small islands, examining ritual, local identification, and migration. How do people migrate yet take their identities with them? How does that turn into ethnicity, and how do rituals operate in that context?"

Platt's project while at Brown will be to look at the migration of North African Jews and Muslims to Israel and France. "These are two groups with the same common ethnic heritage, and I'm interested in seeing the differences they have as ethnic groups. In Israel, the immigrants will no longer be a religious minority, but a minority of a different sort. And the new study will focus on the experience of women as immigrants," which will combine gender with ethnicity.

For Platt, "the thing I like best about the seminar is that not all the people are from the same level of experience. No particular point of view dominates. I think I'll get a lot of help from this group in forming my questions. You know, it's quite common for anthropologists to bump up against sociologists and historians; it's less common to run into 'comp-lit' people. But that happens here."

Indeed. Kathleen Zane, a postdoc fellow from Hawaii via the City University of New York, where she received her doctorate in comparative literature, is looking forward to "bumping into" the anthropologists in the seminar. She will be look-

ing at discovery and explorer literature, dealing with the discovery of Native Americans, specifically in the Pacific Islands.

"I have been trying to 'deconstruct' the colonialist construct of the Orient. The Orient is a projection of fantasy. In nineteenth-century France and Great Britain, the battle over Egypt displaced the Orient. It didn't have a reality. It became a mysterious, enigmatic force for European culture. In literature, the metaphor for the Orient is a female source—mother, or lover. This has to do with the notion of Other as being quintessentially female."

Zane, whose project is titled "The Geography of the Other's Body: Constructing the Other in Travel Literature," wants to apply her notion of the Other as "quintessentially female" in other geographical places. "My work includes considerations of literature, culture, geography, and philosophy—which is why I'm so excited that the Pembroke Center is interdisciplinary. The seminar here has given me new theoretical questions, and forced me to look at my own assumptions."

"I was employed for many years as a teacher of English as a second language. Being involved in this center is sort of like going back to school for me. It's a bit intimidating, but I feel so lucky to be involved."

The fourth postdoctoral fellow, Jennifer Sharpe, is also in comparative literature. Her parents are English and Indian, and Sharpe is looking at how race and gender are historically constructed—specifically, how India related to England in Victorian and early modern English literature.

"The Indian army mutiny in 1857

Out of the attic, into the archives

When Pembroke College merged with Brown in 1971, many alumnae were worried that the history, tradition, and identity of Pembroke would vanish. Part of the mission of the Pembroke Center is to help preserve these things. So Karen Lamoree, who has been hired as archivist of the Christine Dunlap Farnham '48 Archives, will be spending her time retrieving what may have been "lost"—whether that means photographs, scrapbooks, gym suits, or memories of alumnae.

"A lot of alumnae feel they lost something in the merger," says Lamoree. "When they meet me and realize what I'm doing, they feel as though *finally* someone is interested in them. I still have to convince them that what they have saved and what they remember are worthwhile. I am employed *just* to do their history."

Lamoree has been busy preparing a guide to a women's collection in the John Hay. The research guide will be "useful for knowing what we have, and also for what we don't have." In some cases, "what we don't have" comprises huge chunks of Pembroke history—including the records for the Pembroke deans. With the exception of a few speeches, and a signed contract or two, there are no official records of any of the deans.

"When Nancy Duke Lewis left the deanship, her office was packed into boxes labelled for archives—but those boxes never arrived here." Although they may still be on a truck circling the campus, it's highly unlikely. It's more likely that those records met the fate of a batch of Pembroke registrar records—which Brown Archivist Martha Mitchell spotted in a dumpster and crawled in to retrieve.

One of the problems with compiling a collection related to women, Lamoree says, is that "women don't believe their lives and history are important. The comment I hear again and again when I ask for diaries, scrapbooks, and photographs is,

'Oh, you're interested in this stuff?' This is not the response archivists get from men. A lot of women who were volunteers all their lives, but who made *significant* contributions, will say, 'I didn't get paid so this stuff isn't worth anything.' Or, in the case of women who stayed home to raise children: 'Who cares about raising kids?' The lack of self-esteem among these college-educated women is shocking. There's an incredible lack of self-confidence."

One of the most important ways the archives hopes to retrieve this history is through its oral history project. Students are trained in the oral history technique and assigned an alumna to interview. Seventy such histories have been recorded, and Lamoree hopes to beef up the program under Barbara Babcock's guidance. Lamoree is seeking funding for a video history of women's education in Rhode Island, tentatively titled, *A Matter of Simple Justice*, which was what poet and Brown trustee John Greenleaf Whittier believed the education of women was.

The collection grows in spurts. "We tell people who want to give us things not to 'weed anything out.' Often someone will tell me they have one small item for us, but when I go and talk to them, I discover a lot more. Jan Lutz, in physical education, called me to tell me she had about 150 photographs she was going to throw out, and did I want them? When I went to pick them up, we started talking, and I mentioned I was interested in costumes and clothing. Then she remembered she had an old suitcase of [former Pembroke director of physical education] Bessie Rudd's, and when we opened it, it had more than thirty-five gym outfits stuffed into it—everything from serge black bloomers to short white tennis dresses. What a treasure."

The archives does not cover just Pembroke College, but the history of women in Rhode Island in this century. "The two are really interrelated," Lamoree says. "Until recently,

Pembroke was really a Rhode Island college to a great extent. (This changed in the forties and fifties, when it became more expensive to go here.) But many women's clubs in this state, which served a social welfare function, were highly populated by Pembroke alumnae. It was a logical progression for us to extend our archives to include the history of women in Rhode Island in the twentieth century, with a special emphasis on college-educated women."

Lamoree says that one of the reasons she enjoys digging into the history of women at Pembroke is because it's "so rich and complex. It has so many nuances. Pembroke was not an elite school for the wealthy. Until the 1920s, wealthy people didn't send their daughters to college—it was a middle-class endeavor, for people who were aspiring to something. There was also the feeling that if you chose to go to college, you were choosing spinsterhood. A lot of poor women went to Pembroke back then—so it was filled with overachievers, which wasn't necessarily the case at a lot of women's colleges. The Pembroke student body was quite diverse, particularly given that Brown was composed primarily of white men for so long. Actually, the level of acceptance of women at Brown was rather extraordinary—they were allowed to attend Brown classes. People who disagree with that should compare it to the way women were treated at schools in the South, where women had to wear uniforms and get marched to and from class."

Lamoree is eager to talk to women about whatever they may be squirreling away in their attics that is relevant to Pembroke. She will haul out old photos and scrapbooks when alumnae drop into the John Hay, in the hopes that names can be assigned to the faces in the photographs. The gym suits, the oral histories, the photographs—they all add up to a history being revitalized.

K.H.

was a peasant, tribal uprising against the British," Sharpe says. "I've examined newspaper reports and other sources such as diaries and memoirs to see the way it has been written about in history and remembered. And the way it has been recorded and remembered is as a sexual assault on the [British] women. Whenever this mutiny pops up, it becomes very associated with that. [This incident] has achieved a mythical status. This kind of talk takes on a life of its own. So this is one way the language of race and gender is deployed, through the representation of this mutiny as a sexual assault.

"There are other questions as well. Questions of racial stereotypes—how do race and gender intersect? I'm looking at the way India is being revised in literature—in works such as *Passage to India* and *Heat and Dust*. Why is this happening? There is always a tendency to study literature for its own sake. But there is some kind of political agenda in what we do, including literature, hidden or not."

What Sharpe has noticed about the Pembroke Center is that while "a lot of women's studies centers tend to be dominated by one discipline which determines which direction it should take, and interdisciplinary battles occur over which way it should go, this isn't the case here. Here there really is a productive dialogue, and the battles are productive. What's at stake isn't disciplinary turf, but the desire to learn from other disciplines. There seems to be a lot of shared ground."

The ground is shared with three undergraduates, who are chosen in a "competition" for the honor of participating in the seminar. Everyone involved says that the students' participation is impressive. The students are frank about their contribution to the seminar. "I think the function of the undergraduates is to blurt things out," says Catherine Saalfeld '88. "We're not afraid to speak our minds. The seminar also provides space for discussion. It's rare to spend intellectual time with faculty and post-docs in this kind of controlled atmosphere."

"I have no professional stake in the seminar," adds Rinku Sen '87. "I don't plan to go immediately to graduate school, and I think that kind of freedom means we're a little bolder in challenging other participants. I love the way the seminar is interdisciplinary. To me, the purpose is to do scholarship in the most self-conscious way—to look at



The first women's musical club in 1896, pictured with a Glee Club program from 1898 and a 1905 class pin.

the scholar racially, sexually, economically, and see how that affects the scholarship being done. Everything is mediated by the scholar."

The concentration in women's studies is the "teaching" component of the Pembroke Center. Joan Scott said of the concentration, "These students are getting a lot out of the classes in women's studies. They are making the intellectual connections between what they are learning. We are giving them the intellectual skills to reflect on their own experiences, which is exactly what a liberal arts education should be doing."

Saalfeld, who has a double concentration in women's studies and art/semiotics, is connecting her two fields in various ways. She is making a film for her honors thesis in semiotics—"something about the race/gender juncture." Her honors thesis for women's studies will be "on the female body. It will deal with Freud and be a psychoanalytic representation of women in film."

She came to Brown wanting to "be at RISD. I wanted to be an art student. But I ended up with this double concentration. Although I took the semiotics early on, the women's studies has been important from an interdisciplinary angle—it has given me an opportunity to have a point of view that everything else filters through. And, conversely, women's studies filters through all my other courses."

Saalfeld is quick to point out what a rigorous concentration women's studies is. Elizabeth Weed elaborates: "When women's studies began, there were lots of 'C.R.' courses—con-

sciousness raising. But in most institutions, that emphasis is gone. The field has developed so rapidly and rigorously, that the emphasis no longer exists. This concentration is not just a collection of courses on women. In a way, when a student chooses women's studies, it's like choosing an independent concentration. Each concentration is developed in such a way to develop the individual student's critical faculties. The student has to have command of one or two standard disciplines—we don't allow them just to dabble. So, instead of concentrating in history, for instance, the student would take some history courses, then major in this."

"I've never heard it said at Brown that this concentration isn't rigorous—which isn't to say that it's not being said. But, one of the courses that students have to take is [Associate Professor of American Civilization Mari Jo] Buhle's course on the history of American women. That is a very, very difficult course, with a difficult teacher. You can't get through that course without working damned hard."

This year there are sixteen concentrators in women's studies. One of them, Rinku Sen, had decided to do an independent concentration on international women and developmental studies. "Then I spoke to Elizabeth and decided to concentrate in this program. I thought it would be easier to have the support. It also makes a political statement to concentrate in women's studies."

Sen is focusing on Third World women's literature. "My thesis is going to be on the way Third World people

construct race as a category and a culture. How do race, sexuality, and class resist each other?"

Sen would like to see more of a connection between gender and ethnicity in the courses offered by the concentration—and so would Weed. "We need more non-Western courses. We are totally sympathetic to Third World women who are impatient with the number of courses that focus on first-world women. But it's not a totally white concentration anymore, and I'm happy about that." (There are three non-white concentrators among the seniors.) Weed envisions that a proposed Brown center on race will be involved with the Pembroke Center and help develop courses. "White people can teach those courses, too. Ellen Rooney, for example (instructor in English), has gotten some money from the Ford Foundation and is working to improve her course by adding a component on black women writers. We are stretched so thin here that something like this really helps us.

"Women's studies as a discipline has demonstrated that what we know and how we know it is really a political activity," says Weed. "What we have known about the world, we know through the eyes of certain people of a certain class—namely educated white men. That knowledge is not sacrosanct. The canon of literature that we have is not all there is to know, all there is to read. The geniuses who have risen to the surface aren't the only ones—there are lots of undiscovered geniuses.

"In asking questions about gender and also about race and class, we have become extremely conscious about what we do. We try to educate people not just to think critically about the world, but to look at the way of looking critically. We have students here who are willing to work hard at that. It's difficult to question the received knowledge one has spent a lifetime accruing."

The center is involved in other kinds of scholarly pursuits, including alumnae forums, the Christine Dunlap Farnham '48 Archives (see sidebar), and faculty roundtables—once-a-year forums that focus on a particular topic. Last year, the topic was melodrama, and one participant, English professor Roger Henkle, thinks it was "the best organized and generally most stimulating format of any of these kinds of things I have ever attended. I think having one topic, which people gather to discuss for a day and a half, and in-

vest in, produces richer analysis than usual." Again, the interdisciplinary approach was praised.

"My research was opened up in new ways," says Henkle. He has been working on a book on representations of the urban poor in nineteenth-century English fiction and journalism. "The roundtable provided a breadth of approaches to the genres we were working on. That's hard to come upon. The colloquium had a range of approaches that really produced something."

This year's roundtable, according to Babcock, will focus on packaging and marketing differences. "We want to talk about how that which is Other is put on display. Look at travel posters, for example, to see how the exotic and the erotic are put on display."

Babcock is planning an author's series, which will bring writers to speak about their work. She feels that this is one way to open the center up to the community. "An author's series will also give these writers visibility. It will open things up so the community can see that the center is not just women talking about abstract concepts."

As for future seminar topics, Babcock says she would like to study something that is "a really hot topic—the body. We could focus on issues of reproduction, women in athletics, and

how women are represented in film. It would be great to focus a research problem on that here at Brown, since there are so many scholars here we could benefit from. Professor of Biology Anne Fausto-Sterling has been doing research on nineteenth-century women in science. Associate Professor of English Mary Ann Doane has been researching women's representation in film."

The center will also be publishing a scholarly journal at the Indiana University Press next year. The co-editors will be Weed and Naomi Schor, the Nancy Duke Lewis Professor and professor of French studies.

"We can project a dynamic center for the future," Weed says. "When we started the center, we maximized the strengths at Brown by working with other centers and departments. We like to get people involved in the center through their interests. Eventually, the study of gender will filter down and start appearing in their work."

Through the seminars, the roundtables, the forums, the journal, and, essentially through the students, the Pembroke Center's research on gender and cultural constructions of topics such as race and class will move forward.

13



An Ivy Day celebration, 1910, and Gorham trowel, a gift from the class of 1897.

AMERICANS AND 'THE BIG C'



A historian's study of cancer reveals deep divisions in our responses to 'the dread disease'

By Anne Diffily

Photographs by John Forasté



Consider these statistics: Cancer killed some 462,000 Americans in 1985; one person died of the disease every sixty-eight seconds. In the last twenty years, the incidence of cancer has continued to increase steadily by about 1 percent a year. It is estimated that almost one-third of this country's population—about 66 million people—eventually will develop cancer, and more than one-fifth will die from it.

Each age has its ogres, its fearsome threats to human life, which assume mythical dimensions and freeze our collective heart with dread. Of this world's age-old demons—war, famine, pestilence, and plague—today only war (the nuclear kind) retains its macabre hold on our psyche. And it has been joined by an equally-feared killer, cancer.

Unlike the infectious diseases that once felled multitudes, cancer has resisted nearly every attempt to prevent and to cure it. It is an affront to modern science, an unpredictable and ghastly spectre that stalks our brightest days. Americans—as a nation probably the most optimistic, “can-do” people ever gathered on Earth—don’t take kindly to the menace represented by “the Big C,” as one famous cancer victim, the actor John Wayne, referred to it.

“Americans feel entitled to physical, spiritual, and emotional health,” observes Professor of History James T. Patterson. “Cancer is a constant reminder of our mortality and our human limitations.” In his new book, *The Dread Disease: Cancer and Modern American Culture* (1987, Harvard University Press), Patterson traces attitudes toward the disease over a century. Particularly during the last three decades, he concludes, Americans’ expectations about the quality of their lives have risen dramatically.

“As people lived longer and enjoyed the pleasures of the burgeoning consumer culture,” Patterson writes, “they cherished the Good Life ... Premature death dulled the gloss of the

affluent, technological society....

“To be sick was to feel useless and deviant. To be fatally ill was terrifying. In a world of ‘doing better and feeling worse,’ many people suffered the pangs of the ‘worried well,’” Patterson writes. The most visible monument to our preoccupation with beating cancer has been the founding and strengthening of a powerful “cancer establishment” comprising a coalition of public-health and research institutions. However, Patterson also traces the parallel growth of a “cancer counterculture,” a diffuse cohort of Americans who mistrust the medical establishment: educated critics of physicians and researchers, skeptical patients (and their families) who seek unconventional cancer cures (ranging from the pseudoscientific laetrile treatment of recent years, to even more outrageous quackery), and apostles of holistic prevention who preach such nostrums as “natural” diets and the ingestion of large quantities of vitamins.

One of Patterson’s questions in researching the book was whether ideological divisions between the cancer establishment and the cancer counterculture correlated with differences in social class. To some extent, he now feels, they do. “In a very general way, the higher up they were on the social/educational scale, the more likely people were to have faith in medical science,” Patterson says. “This was true up until about fifteen years ago, when we began to have a reaction against doctors, who were seen by some as being rich, cold, unfeeling, sexist, racist, and too technical. There is a lot of anger among poorer people against cancer doctors; they are more likely to seek out so-called ‘miracle healers.’”

In the preface to his book, Patterson sketches this split between “the confident, optimistic allies against cancer” on the one hand, and the cancer counterculture on the other. And he states very clearly why they are of interest to a historian: “The cultural history of cancer during the past century reveals many changes in thought and

behavior," he writes, "but especially striking are the continuities, among them the power of class conflicts, ideological divisions, and popular resistance to centralized, paternalistic direction of people's affairs." Such a patchwork of fear, hope, anger, and argument, Patterson argues, is evidence that "American society has been considerably less consensual than many people have imagined. It indicates, too," he adds, "that millions of Americans have remained ambivalent about modern medicine."

Recently praised in a *New York Times* review as "a fascinating history of cancer," *The Dread Disease* is in a category of its own, totally different from the many books published each year about medical and psychological issues relating to cancer. It is unique in painting a vivid portrait of a nation's response—both institutional and personal—to cancer. The fact that the book was written by a prominent historian, the author of a prize-winning biography of Senator Robert A. Taft (who was known as "Mr. Republican" and who, coincidentally, died of cancer in 1953), might seem surprising. But there are logical reasons for Patterson's choice of subject matter.

He first ventured away from his field of political history and into social history with the publication of his 1981 book, *America's Struggle Against Poverty, 1900-1980*. "I liked the idea," Patterson recalls, "of taking a problem or issue and following it over an extended period of time."

Nevertheless, the notion that cancer was suited to just such an investigation might not have occurred to Patterson but for a personal tragedy and, roughly contemporaneously, a professional trend. The tragedy was the death of Patterson's first wife, Nancy, from brain cancer in the fall of 1980. Patterson is hesitant to dwell on her death; his scholarly objectivity precluded even a mention of it in *The Dread Disease*, and today Patterson is happily remarried. He acknowledges freely, however, the pain inherent in his first wife's illness. "Hers was a slow, unpleasant end," Patterson recalls, "and at that time, I didn't think of writing about cancer, or indeed about writing any kind of book."

During the next few years he also was preoccupied with his duties as associate provost, a position he left to return to full-time teaching and research in 1983. Meanwhile, several friends and fellow historians had suggested that Patterson turn his scholar-

ship to a study of cancer. "There has been a modest growth in writing about the social history of medicine and disease in the last decade," Patterson notes. "It used to be that this writing was done primarily by physicians, but in the last five to ten years, more and more has been done by historians, political scientists, and sociologists, who have attempted to link events in medicine with broader social trends."

He cites as examples the work of his friend, James H. Jones, who published *Bad Blood: The Tuskegee Syphilis Experiment—A Tragedy of Race and Medicine* in 1981; Charles Rosenberg, a pioneer in the genre with his 1962 book, *The Cholera Years: The United States in 1832, 1849, and 1866*; and Allan Brandt, author of the 1985 book, *No Magic Bullet: A Social History of Venereal Disease in the United States since 1880*. In shaping his study of cancer, Patterson paid particular attention to Brandt's book. "It examined what attitudes toward venereal disease can tell us about people's beliefs regarding prostitution, about medical care, about the relative importance of public-health medicine as opposed to for-fee medicine," Patterson explains.

"The more I started thinking about it," he continues, "the more I realized, here was an area that would broaden me as a historian. It was interesting to me personally, and it would enable me to write a book on a topic no other historian had touched."

Patterson begins his book with an engrossing account of the illness and death of former President Ulysses S. Grant in 1884-85, and the morbid pop-

ular curiosity—exploited in florid prose by the contemporary press—that surrounded these events. The clear, matter-of-fact reporting that we read today about Presidential tumors and First Ladies' mastectomies was unheard of in Grant's day. Merely by reporting in great detail on his suffering and death, and in later reports, calling cancer by its name, however, media coverage of Grant's affliction was remarkable for its time.

At first Grant's deteriorating condition from throat cancer was described euphemistically by the press for some six months after he sought medical help. But eventually the news of his cancer broke, and it ended the customary silence about "the dread disease," which rarely was referred to by its actual name. Reporters stalked out Grant's home and provided newspaper readers with ghoulish renditions of the drama they imagined in Grant's sickroom. Near the end, the *New York Times* reported gloomily on Grant's discomfort: "As the air that he takes with every breath passes through the inflamed growths in his throat, it is almost as if a dull saw were hacking away at his flesh, and most intense pain follows."

Patterson places the unprecedented news coverage of Grant's cancer in the context of a nineteenth-century world fascinated with death and the macabre. Additionally, the unsophisticated state of medical science contributed to a sense of bewilderment and frustration about cancer in the late 1800s. Clinical research was scattershot; indeed, the first American institution specifically dedicated to treating cancer

LIFE's photos touch a tender nerve

Many people [in the 1930s] were so upset by the thought of cancer that they scarcely wished to think of it, much less read stories about it. The editors of *Life* discovered this in 1937, when they broke ground journalistically by including graphic photographs in a lead story about cancer.

"I burned up my copy," one subscriber wrote angrily. "I can't imagine anything more repulsive." Another added, "*LIFE* has doubtless succeeded in scaring a lot of readers, caused mental anguish, helped no one." A third respondent, after complaining of the "horrible and

revolting pictures," explained that "fortunately I was able to clip them before the issue reached my wife, who is particularly sensitive to such gory specimens."

Many Americans saw cancer as an invading army or—reflecting the contemporary fascination with organized crime—as a "gangster disease, for it strikes ruthlessly, without warning and in the dark..." The enemy, this writer added, should come "out into the open. Any of us would rather meet such a killer in broad daylight on a public highway and protected with a good weapon than to encounter him unarmed in a dark alley at midnight."

—the New York Cancer Hospital—began to take shape in May 1884, about the same time General Grant first noticed the symptoms of his illness.

A concerted attack against cancer became possible only after the status of scientific medicine rose dramatically in the early twentieth century. A breakdown of traditional religious certainties, Patterson suggests, opened the way for a new American faith in scientific professionalism. A highly successful collaboration of doctors and community leaders, the National Association for the Study and Prevention of Tuberculosis, was founded in 1904 and provided the model for the later fight against cancer.

The year 1913 saw the formation of the American Society for the Control of Cancer, later renamed the American Cancer Society, with a mission of educating the nation about the symptoms, diagnosis, treatment, and prevention of cancer. This private coalition of physicians and philanthropists is one of the two primary "cancer establishment" agencies examined in Patterson's book; the other is the National Cancer Institute, a publicly-funded research center established by Congress in 1937.

The intervening and ensuing decades saw no decline in public concern about cancer. Patterson outlines the explosion of cancer research, the wild claims of cures, the shameless huckstering by quacks, the useless folk remedies, the politics of medicine, and the fears and shame of individuals.

An especially engrossing chapter deals with "Smoking and Cancer." Theories dating back to the 1800s suggested a causal relationship between tobacco use and cancer, but as Patterson points out, only recently was the evidence conclusive enough to have a major impact on public smoking practices. Roughly since World War I, when thousands of American soldiers returned home with new tobacco habits, the big tobacco companies waged an energetic war of their own with the anti-cancer establishment.

Even though a 1938 article in the *Science News Letter* by two physicians asserted that "more persons are dying of cancer of the lung ... probably because more persons are ... inhaling tobacco smoke," not even doctors could agree on the linkage. As the debate smoldered, the tobacco companies began spending huge amounts on advertising—as much as \$50 million by 1940. Women were a particular target of such



'What you read about cancer in the media can be irresponsible'

ads, Patterson notes. "Cigarettes, the ads said in raising the banner of female emancipation, were 'torches of freedom.'"

Other advertisements sought to emphasize smoking as a manifestation of virility. Patterson notes that one brand of cigarette was named "Stud," and that the robust John Wayne shilled for Camels. The famous "LSMFT" campaign for Lucky Strikes seemed to underline a sexual connotation; Lucky Strike "Means Fine Tobacco," proclaimed the ads—"so round, so firm, so fully packed."

Further evidence that the medical establishment remained fragmented in its views of smoking and cancer is a 1948 statement from the *Journal of the American Medical Association*. As cited by Patterson, the JAMA article hedged that "more can be said on behalf of smoking as a form of escape from tension than against it ... there does not seem to be any preponderance of evidence that would indicate the abolition of the use of tobacco as a substance contrary to public health."

Only seventeen years later, in 1965, Congress passed a law requiring cigarette manufacturers to state on each package, "Caution: Cigarette Smoking May Be Hazardous to Your Health." And a decade after that, the longest sustained decline in per capita consumption of cigarettes in American history began; the figure decreased from 4,095 in 1975 to 3,378 in 1985. But as Patterson points out, millions of

people continue to smoke, pursuing their own personal predilections "even in the face of clear and present dangers."

Patterson's history of cancer in this country is almost breathtakingly thorough. A descriptive bibliography of "but a few of the many articles and documents" he perused runs ten pages at the end of the book, and the footnotes require fifty-one pages. He will admit to allowing his personal experience with the disease to affect his scholarship in only one area of emphasis: the tendency of the news media to hype "magic bullets"—supposed research breakthroughs in cancer prevention and treatment.

"I felt a lot of bitterness towards the media," Patterson recalls of his family's ordeal. "For anyone who is suffering from cancer, or his or her family, the kinds of things you read or hear in the media can be very irresponsible." Hopes are raised, in too many cases, only to be dashed. "They talk about a new discovery almost every week," Patterson points out. "In March of 1980, when my wife was ill, *Time* ran a cover story on interferon. I like to

Fishing for answers

A theory that trout-filled waters caused cancer received considerable attention between 1908 and 1910, to the extent that President William Howard Taft called on Congress to appropriate \$50,000 to support a research lab to investigate the idea. In making this recommendation Taft was following the advice of Dr. H.R. Gaylord, director of the New York State Institute for the Study of Malignant Disease, who had concluded that it was an "astonishing coincidence that the distribution of this variety of fish [trout] and the concentration of cancer in man in this country are almost identical. A map of one might well be taken as a map of the other."

Gaylord later claimed that "100,000,000 trout had cancer" and that people who drank trout-inhabited water ran the risk of dying from the disease. But no other scientists seemed to share his distrust of the noble trout. Congress sent the approval to the Committee on Fisheries, and that was the end of that.

think that I was able to read the qualifiers between the lines, but nevertheless you have many people being seduced, misled, and cruelly disappointed. The most recent example of this is one I discuss in the last chapter, the flap over Interleukin 2, a substance somewhat like interferon. This hit the cover of *Newsweek* and was the lead story of both the ABC and the NBC news

Atomic-age cures

Radiotherapy had long commanded great attention in Europe, where surgeons were not so dominant as they were in the United States. In the 1940s and 1950s, popular enthusiasm for radiation swelled [in the U.S.], and grant-seeking researchers promised that cancer could be defeated with technological "guns" and omnipotent rays.

One book aimed at a popular audience in 1943 lauded the cyclotron, operated by a "raypilot" who sat at a remote control panel fifty feet from an eighty-five-ton magnet, from which the ray streamed out "like a flame from an open jet." "There is no doubt," the author concluded, "that the cyclotron will soon become a very important addition to the arsenal of weapons used against cancer."

A writer for *Reader's Digest* in 1944 followed in this vein with a breathless account of radiation therapy at the Chicago Tumor Institute. The work, he wrote, was "not so much medical as it is super-precise biological engineering." "Marksmen" at the institute were "finding the bull's-eye of the cancer." The use of radiation, he asserted, was "one of the most fantastic events in human history."

After the bombing of Hiroshima and Nagasaki there was no stopping this kind of enthusiasm. *Life* exclaimed in 1946 that "great quantities of all kinds of artificial radioactives can be made in the same piles which produce plutonium for the atomic bomb." ... The AMA's health magazine, *Hygeia*, exclaimed in 1947 that "medically applied atomic science has already saved more lives than were lost in the explosions at Hiroshima and Nagasaki."



'Cancer serves as a metaphor and a mirror for social concerns'

broadcasts on the same night."

Such media hype, Patterson believes, is more prevalent and visible in the U.S. than in other countries. "This is partly due to the very competitive nature of American research, and also to the competitive nature of American journalism," he suggests. "Too often we read that magic word, 'breakthrough.' Everything I have learned about medical science tells me that breakthroughs are rare in the history of science. Usually, scientific discoveries are the result of a slow progression, with one discovery leading to another."

Patterson's book ends with a look at the 1980s, a time when the cancer establishment has begun to adopt a few of the cancer counterculture's tenets, such as an emphasis on nutrition and lifestyle to help prevent the disease. In addition to dietary prevention, current cancer research focuses on findings about cancer's linkages to viruses, and an investigation of "oncogenes," cancer-causing genes that appear to be triggered by other internal and environmental factors. "Cancerphobia" still lurks in most Americans' minds, but much of us go about our lives without being affected by it—until we or someone close to us is touched by the disease. And the division between establishment and counterculture persists, abetted in the last two decades by an increasingly vocal cadre of environmentalists.

Patterson does not advise us; his book does not propose that we should be

either encouraged or dispirited about cancer. His scholarship is, he insists, simply an attempt to draw attention to broader issues of national character, the qualities that have both united and divided us over a 100-year period of dealing with a frightening disease. "No other malady," Patterson concludes with a historian's proclivity for the past tense, "held cancer's unique capacity to serve as a metaphor and a mirror for a range of social concerns ... In a society that feared death above all things, no other illness was dreaded so much." ■

Fear and loathing

Many cancer patients [in the 1950s] continued to put off going to a physician until long after they suspected that they had the disease. Some deluded themselves into thinking they could deny death. "I never thought it was anything I couldn't cure myself with lint and ointment," one woman explained. Most other procrastinators knew better, but were afraid to hear the bad news and were terrified of the knife. Surgery, one said, "makes it spread."

Large numbers of doctors and other professionals close to the cancer scene shared much of this fear and fatalism ... One poll of physicians in the late 1950s showed that 90 percent still preferred not to tell cancer patients the truth. "Feelings of pessimism and futility about cancer," the interviewer concluded, motivated habitual obfuscation of the truth.

Attitudes such as these left thousands of patients feeling alone and depressed. An extreme manifestation of such emotions devastated John Guy Gilpatrick, a well-known short story writer. Learning in 1950 that his wife had a malignant tumor of the breast, Gilpatrick shot her to death and then killed himself.

Others castigated themselves for developing the unmentionable disease and endured their pain and shame alone. A nutritionist, who knew better, confessed later, "I was ashamed to tell anyone I had cancer. The word itself was difficult for me to say ... I blamed myself, thinking I had done something wrong ... I had made a mess out of my life."

EMS



JOHN FORASTE

By Katherine Hinds

When someone in the Brown community is hurt or acutely ill, an all-volunteer student EMT group comes to the rescue

What do you do on a Saturday night when you're waiting for disaster to strike?

This is the question that the Brown Emergency Medical Technicians have to consider every week, but on this particular Saturday night, it may be moot. There are nine parties scheduled in dorms across campus, a concert sponsored by the Lesbian and Gay Students Alliance, a popular movie in Alumnae Hall, and the football team won its first home game. The Brown campus is ready to engage in behavior that might require emergency medical services, and the ambulance—owned and operated by Brown's Emergency Medical Services (EMS)—is ready to roll at a moment's notice.

Until someone sprains an ankle, or overindulges in alcohol, or burns a hand making tea, however, the EMT's cruise in their ambulance. Stop for a while and watch *Star Trek: The Next Generation* at one EMT's house. Discuss where to eat dinner. Discuss *Star Trek*. Eat dinner. Pass by the library to return books. Radio Brown Police and Security headquarters for a radio check. Practice splinting, and attaching a backboard, and lifting the gurney in and out of the ambulance. Get an ice cream cone. And wait. The call could come any minute.

"Last week," says Betsy Sandberg '90, "we got a call at 6 o'clock, and we didn't stop rolling until 4 a.m., when we finally got a breather to eat dinner."

This weekend, in spite of a party schedule chock-full of disasters waiting to happen, the EMT's don't get a single call. The three of them go to bed in EMT quarters in the New Pembroke dorm and aren't once rudely awakened by the squawk of their radio alerting them to the news of a human in need of help.

Gary Kleinman '81 is one of the major reasons that Brown has its own emergency medical service. When he came to Brown and realized Brown had no unit equipped to handle medical emergencies, he became a man with a mission. "Institutions tend to ignore emergency medicine, from inadequate record-keeping through inadequate dealing with emergency-care providers," he said when he was a student. "I got here and saw that Brown was doing all kinds of stuff geared to improving the array of support systems for psychological first aid, but I wanted to talk real first aid." Brown was not prepared to cope with emergencies, but Kleinman was prepared to cope with Brown's reluctance to provide such a service.

After several years that included a leave-of-absence from the University, Kleinman proposed and received permission to organize a student-run, all-volunteer emergency medical service (BAM, December 1981). In the beginning, the EMT's would rush to the scene of an emergency with a thirty-pound backpack filled with the tools of their trade. Eventually, resources were found to purchase a tiny jeep-like vehicle, and, two years ago, the EMT's finally received a real, thirteen-year-old, fully-stocked ambulance.

It has been a struggle, with some sacrifices. "Gary Kleinman screwed up his academic career" in order to provide emergency services on this campus, says Dr. Sumner Hoffman, director of health services. Kleinman has stuck with it since graduating—he is now coordinator of EMS on campus.

"Things have grown far beyond what one student could provide in terms of supervision," says Kleinman. He has an office in the basement of

Andrews House, and more sophisticated radio equipment. Best of all, this year he has fifty-eight trained EMT's to supervise, all but two or three of whom are Brown students. They are all volunteers. Kleinman, who has a half-time position with health services, is responsible for scheduling the volunteers every semester, as well as programming, checking the equipment, ordering supplies, and servicing the ambulance. He is an instructor of EMT classes—for Brown and the community—and he is involved in many committees, campus- and state-wide. He also is in charge of evaluating every call the EMT's answer.

"Not too many EMT's are active for four years," Kleinman says. "There is a lot of training required to be an EMT, and a built-in attrition rate. I review the written record of each episode, and make an effort to monitor radio traffic. I'm present in many cases, just to watch at arm's length and see how the EMT's are doing. I'm the only emergency health specialist at Brown, so I also oversee episodic training to recertify the staff on campus in CPR."

Although EMS has existed at Brown as a "recognizable entity" for seven years, Kleinman says many people are still unaware of its existence. "Often people on campus will still call municipal rescue squads, which is problematic at a place like Brown. How can a city squad quickly identify where Barus and Holley or each dorm is?"

When an accident or an acute illness occurs on campus—or in the surrounding community—all anyone has to do is call Police and Security at Brown. The call will be instantly patched through to the EMS, which will respond within three min-

continued on page 54

Mile-High Sculpture

The bright, air-supported sculptures of Denver artist Richard Miles '71 loom large in deference to Colorado's wide plains and lofty mountains. Miles remembers arriving in his native state after receiving his B.F.A. from RISD (he transferred out of Brown in his junior year) and an M.F.A. from Washington University. "with a truck-load of steel sculptures, twelve to fifteen feet tall. These were large by most standards, yet they looked pathetic against the expanse of sagebrush and yucca around my parents' house."

Miles, who had spent several years working as a field engineer for a bridge construction firm, wondered how he could construct monumental but affordable sculptures. He "flashed on" the idea of pneumatic tubular shapes, and began working first in vinyl, later in polyethylene, and most recently in coated nylon. Once air is blown into the completed fabric tubes, they stay inflated.

Miles's sculptures are done on commission, with budgets starting at about \$5,000. So far all of his installations have been dismantled, but he says that's fine. "The experience of one of these pieces is generally too intense for them to be permanent," he says. "The idea of becoming used to one of them is revolting—the wonder would be gone. To expect to see something like this would be a contradiction."

Bright colors bespeak Miles's penchant for purity. "I've never been able to stomach pastels," he says. "Primary colors are so much more undiluted; they have the most punch."

Miles's pneumatic sculpture has been exhibited in many Colorado locations, as well as in New York, Ohio, Wisconsin, and Florida. His vocation, he admits, is not lucrative. But he notes with pride that he and his wife, Susan West, are full-time professional artists who manage to support themselves and their two children.

A.D.





Miles intends for viewers of his sculpture to experience "an unbridled joy in pure color and pure form. It is a reversion to the primal sense of wonder we all had as children when we first saw a hot-air balloon."

Above is his Instant Mountain Range (1979), an installation in Boulder, Colorado. At left is Untitled, 1986, commissioned by the Friends of Art, Milwaukee Art Museum, to serve as the centerpiece of the Lakefront Festival of Art in Milwaukee. Featured on the "Today Show," the sculpture measures sixty-six feet long, sixty feet wide, twenty-six feet tall, and is composed of eight-foot-diameter tubes. Miles stitched 7,000 feet of seams on a sewing machine in his studio.

Photographs by Richard Miles

The facade of a building at Metropolitan State College (right) in Denver was enlivened by Miles's Untitled, 1983, made of vinyl and polyethylene. "My inspirations for particular designs come from the sites themselves."



"I like the idea of getting people who would not have anything to do with art in their normal, everyday lives," Miles says, "and pulling them in and getting them excited." Strollers on Denver's 16th Street Mall in 1983 had only to glance up to become involved in Mackerel Sky (right).



In his studio (right), Miles seems to be wondering, "Which side is up?" as he contemplates a completed, uninflated piece. A benefit of the lightweight nylon is portability: "One of my largest installations fits into three sacks measuring approximately two by four feet each. Friends who do heavy sculptures are green with envy when I arrive at a site in my Toyota pickup."



THE CLASSES

Illustrations by Thomas Sgouros
from photographs by John Forasté

Samuel Nabrit receives Rogers Award, twelve others honored

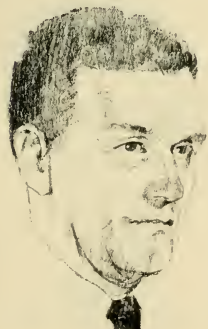
Samuel Nabrit '32 Ph.D., the first black student to receive a doctorate from Brown, was honored in September with the William Rogers Award by the Associated Alumni in a ceremony that recognized twelve other alumni for their service to the University. The recognition program was part of Council I, a weekend-long gathering of alumni leaders from across the country (more about that in the December issue).

The William Rogers Award, which is named after the first student and graduate of Brown, recognizes outstanding contributions to society made by an alumnus or alumna during his or her life. The award is the highest honor paid to a Brown graduate by the alumni body.

After receiving his doctorate at Brown, Nabrit returned to teach at Morehouse College, his alma mater, for more than twenty years before being appointed president of Texas Southern University. During his tenure as president, he was instrumental in the desegregation of Houston. He has served on many boards and committees, including the Atomic Energy Commission, and was a special ambassador to Niger during the Kennedy Administration. His



Samuel Nabrit



Bernard V. Buonanno, Jr.



Phyllis Tillinghast



Richard J. Tracy

last professional commitment was as director of the Southern Fellowships Fund, which helped support approximately 2,000 black graduate students with commitments to careers in higher education.

In his address to the celebrants, Nabrit suggested ways in which colleges could provide more opportunities for blacks. "They need to be cognizant of the historical disadvantages experienced by blacks. They need to become as creative in assessing qualifications of blacks for enrollment and job opportunities as their basketball and football coaches. If they used the ingenuity of these individuals, they would solve their problems of minority enrollment and employment."

The Brown Bear Award is the highest award given for volunteer service to the University. This year's recipients are:

Bernard V. Buonanno, Jr. '60, Providence, president of Old Fox Chemical, Inc. Buonanno is a trustee emeritus and a past president of the Associated Alumni. He serves on the Brown Annual Fund Executive Committee and is chairman of the reunion gift committee.

Phyllis Tillinghast '51, New York City, management and marketing consultant. Tillinghast serves on the Nancy Duke Lewis National Committee, and in the New York chapter of the National Alumni Schools Program. She is a former member and past president of the Associated Alumni's board of directors.

Richard J. Tracy '46, Rumford, Rhode Island, state representative to the Small Business Administration of New England, Inc. A trustee emeritus, Tracy is chairman of the major gifts area. He is a former class secretary and has served as past director, regional vice president, and president of the Associated Alumni. He is also a past president of the Brown Club of Rhode Island.

Nine alumni received Alumni Service Awards for significant and continuing volunteer service to the University. They are:

Kip Cohen '50, Bristol, Connecticut, president of C.P.R.S., Inc. of New York City. Cohen is a founder and board member of the Brown University Sports Foundation. He is a member of the Corporation Committee on Development, was a member of the Advisory Committee on Corporations for the Campaign for Brown, is chairman of the athletic subcommittee of the Fairfield County Brown Club, and is a



Kip Cohen



Herman M. Feinstein



Henry V. "Gene" Leonard



Paul A. Lucey



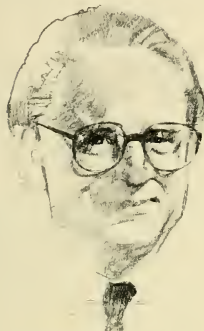
Janice Peterson Michael



Alveretta T. Murphy



Richard Hofmann



Wilfred J. Meckel



Gordon R. Williams

member of the Brown University Medical Program Development Committee.

Herman M. Feinstein '16, Providence, retired real estate broker. Feinstein is chairman of the class bequest program and a member of the Brown Club of Rhode Island. He serves on the reunion gift committee and is the former class agent and associate head agent, class president, class secretary, and class treasurer.

Richard Hofmann '77, St. Louis, consulting actuary, Tillinghast, a Towers Perrin company. Hofmann is the former area chairman of NASP in Chicago. He is a former member of the Brown Club of Rhode Island and former class agent.

Henry V. "Gene" Leonard '46, Tokyo, executive vice president, General Motors Overseas Corporation. Leonard is the executive vice president of the Brown Club of Tokyo and serves as area chairman of the NASP program in Japan.

Paul A. Lucey '48, San Francisco, retired high school principal. A member of NASP and of the Brown Club of Northern California, Lucey is a Brown Annual Fund drive solicitor. He is former area chairman of NASP in San Francisco.

Wilfred J. Meckel '66, New York City, president of Seligman Securities, Inc. Meckel is a past member of the Associated Alumni's board of directors. He is president of the Brown Club of New York and former chairman of the reunion major gifts campaign.

Janice Peterson Michael '50, Philadelphia, retired vice president of Brown Industries. Michael is a former vice president, president, and board member of the Pembroke Club of Philadelphia. She is the former secretary, treasurer, vice president, and president of the Brown Club of Philadelphia, and a former member of the Associated Alumni's board of directors. She is currently serving as director of the club merger.

Alveretta T. Murphy '54, Providence, legal assistant, Hinckley, Allen, Tobin & Silverstein. Murphy serves as president of the Pembroke Club of Providence and is a member of the reunion gift committee. She is a former class agent and associate head agent and a former member of the Association of Class Officers.

Gordon R. Williams '63, Lexington, Massachusetts, president of Guardian Trust. A member of the Brown Club of Boston, Williams serves on the Brown Annual Fund Executive Committee. He is a former chairman of

the major gifts committee and currently serves as area chairman of NASP in Framingham, Massachusetts. He is also a member of the 25th reunion gifts committee.

Newsmakers

It sounds like science fiction, but pills that cause the skin to tan may be available over the counter in four to six years, thanks to **Mac Hadley** '64 Sc.M., '66 Ph.D.

The pills are a byproduct of Hadley's twenty-five years of skin cancer research at the University of Arizona. Naturally, the idea of taking a pill to produce a perfect tan has caught the fancy of the news media, and Hadley has appeared on television in London and on CNN's science program, and has been quoted in print sources from the *Wall Street Journal* to *Newsweek*, according to an article in Hadley's hometown newspaper, the Gilroy, Calif., *Dispatch*.

The substance that will produce the year-round, safe tan is Melano-Tan, a synthetic hormone that stimulates melanocytes, the tiny organs that produce melanin and help protect the skin from sun exposure. Fair-skinned people, for example, are at greater risk from skin cancer—melanoma—because they produce less melanin.

In addition to the cosmetic application, Hadley said Melano-Tan will help sun-sensitive people spend more time in the sun and may also benefit sufferers of vitiligo, a condition in which melanin is absent from parts of the skin, giving it a blotchy appearance.

When Melano-Tan is marketed—and Hadley has no doubt that it will be—it could become, he says, "a billion-dollar industry." Tests have been successfully conducted on mice and human skin samples, and a major pharmaceutical company is interested. The product would also have to meet the approval of the Food and Drug Administration.

Hadley's years of skin cancer research have brought potential fame from an unexpected source—an example of fate, and of being prepared, he says. "Certain things happen accidentally. But if you keep your eyes open, you'll make discoveries."

THE CLASSES

NOTES

By James Reinbold

18 Cy Flanders, Windsor Locks, Conn., was a guest at **Hal Tinker's** '21 birthday party at West Tisbury on Martha's Vineyard in August.

19 Elizabeth Ross Nelson, Hartford, Conn., writes that she is looking forward to the class's 70th reunion in 1989.

21 More than seventy friends and neighbors on Martha's Vineyard, Mass., joined **Hal Tinker** at his home in West Tisbury to celebrate his nineteenth birthday in August. Brunonians in attendance were his daughters, **Nancy Tinker deLong '50** and **Melissa Tinker Howland '48**, her husband, **Jack Howland '48**, **Fred Flanders '48**, **Paul Jones '78**, and **Cy Flanders '18**, who at ninety-two can call Hal "kid." Hal has been a summer resident of Martha's Vineyard since 1935 and has lived on the island year-round since his retirement from the Choate School twenty-five years ago.

26 The Rev. **Alaric Scotcher, O.S.B.**, Saint Meinrad Archabbey, St. Meinrad, Ind., writes that he is "still at the circulation desk at the library from 8 a.m. until 11 a.m."

28 **Arline Dyer Beeher**, West Kingston, R.I., returned recently from "a very interesting trip to Russia and Finland. I visited Moscow, Leningrad, Helsinki, and other smaller cities in Russia and had a beautiful boat trip on the Volga River and through the Moscow Canal."

Dr. **Jesse P. Eddy**, Providence, writes that he left for Florida at the end of October, but will return to Providence by the middle of May "to be sure all is in good readiness for the 60th reunion of the noble class of '28. **Jack Heffernan** and the committee are working hard on our plans at present. If you have any thoughts or suggestions or desires do not hesitate to communicate them to **Nan Tracy**, **Maddock Alumni Center**, **Brown University**, Providence, R.I. 02912."

Each year since 1983, the United Way of Maryland has given the **Philip H. Van Gelder** Annual Award to the labor leader who has done the most for the United Way campaign that year. Philip received the award the first year it was given.

29 **Virginia Dickerman Edmunds**, Staunton, Va., says that she is "enjoying a life of leisure in a

lovely residence for elderly persons located where the Blue Ridge Mountains of Virginia meet the Shenandoah Valley and the Alleghenys. The most beautiful site in the world. Come see it in the autumn—and me!"

31 **Capt. William G. Schofield**, USNR, has written a book, *Frogmen: First Battles*, which recounts the unique underwater exploits of the Italian Navy during World War II. The book was the subject of a double-page illustrated story in *Il Progresso*, the largest circulation Italian-language newspaper in the U.S. *Frogmen* was published by Branden Press, Brookline, Mass. Bill is listed in upcoming editions of *International Authors and Writers Who's Who* and *Who's Who in the World*.

32 The reunion committee of the Pembroke class of 1932 held an evaluation meeting at the Narragansett, R.I., home of reunion chairman **Kitty Burt Jackson** on Sept. 15. Present were class president **Dot Budlong**; **Mary Lally Murphy**; treasurer **Kay Perkins**; **Millicent Schmidt Sheldon**; class agent **Edith Berger Sine**; and our special guest, **Nan Bouchard Tracy '46**, reunion coordinator. Class secretary **Selma Smira Newman** was unable to attend.

Judging by letters received and evaluations submitted, it was agreed that our 55th was a great success, "the best one ever," according to one classmate. The committee expressed deep gratitude to Nan for her inestimable help in planning and carrying out our reunion programs.

The possibility of having a 57th reunion in 1989 was discussed. Some out-of-town classmates have expressed interest in this. Of course, we shall continue to have annual mini-reunion luncheons during Commencement weekends. Our only regret was that more of our classmates were not able to attend our "Festive Fifty-fifth."

Kitty Burt Jackson
Judge William Goldberg, of the Rhode Island Family Court, was named a member of the board of governors of the American Bar Association in August. The board meets six times a year to oversee management and policy implementation of the 340,000-member ABA. Bill, who lives in Pawtucket, will serve a three-year term on the thirty-two-member board and represent the ABA's first district, which encompasses Rhode Island, Maine, Vermont, and New Hampshire. Until early this year, he was chief judge of the Family Court. Although retired, he still hears cases on a part-time basis. In addition to serving on the board of the ABA, he has been a member of the association's House of Delegates, its policy-making body, since 1968. Until August, he served as chairman of the ABA Standing Committee on Judicial Selection, Tenure, and Compensation. He is a past president of the Rhode Island Bar Association and the Pawtucket Bar Association and a past member of the boards of directors of Rhode Island Legal Services and the Legal Aid Society.

William Resko retired in 1981. "I have ample time to entertain," he writes, "so I

hope the class of '32 will note that 6 Westfair Dr., Westport, Conn., is an excellent stop-over going east or west."

The Rev. **Frederic P. Williams**, Indianapolis, is seventy-nine. He writes that he is still active in his ministry and enjoying good health.

33 The women of the class of 1933 send their sympathy to **Helen Campbell**, Providence, on the death of her sister and our classmate, **Flora Campbell**, on Aug. 13.

S. Read Chatterton, Diamond Springs, Calif., reports that although he and Margaret are selling their New Hampshire house, they have already made plane reservations to return to New England next May in time for the 55th reunion.

Mary Ann McQuaid, Warwick, R.I., has recuperated from her hospitalization and was planning to drive to Warren, R.I., to visit **Amy Sweet Mackenzie** at the Grace Barker Home.

34 **William B. Flack**, Towson, Md., writes that he and his wife, Mary, celebrated their fifty-fifth wedding anniversary in May with a cruise to Bermuda on the *Bernada Star*. They spent a night at the Elbow Beach Hotel, where they honeymooned in 1937, and were treated by the management to a complimentary suite, flowers, and champagne.

After 1925 years in the insurance business, **Robert F. Jones** sold his interest in two general agencies. Four of his five sons are living in Connecticut, and the fifth lives outside of Portland, Maine. He is expecting his seventh grandchild next May. "1987 has been a memorable year," he adds, "Marie and I celebrated our fiftieth wedding anniversary, and I reached the Big 75." They live in Woodbury, Conn.

H. William Marschner, Lakewood, N.J., and **William O. Paine**, Massapequa, N.Y., have each devoted five years of community service to the American Association of Retired Persons (AARP) Tax-Aide Program, in which they, and others, provide free tax assistance to middle- or low-income people over the age of sixty who need help with their federal, state, or local tax returns. Both men are local coordinators in their respective communities. In 1987, more than 23,000 volunteers helped one million persons at 8,600 sites nationwide.

Oliver Lawton Smith's new address is Whitney Center, Medical Unit #107, 200 Leeder Hill Dr., Hamden, Conn. 06517.

Mary Etling Summer, Huntington, W.Va., has returned from a cruise to the Scandinavian countries and Russia. Her grandson, **William G. Summer III**, who lives in England, accompanied her.

35 Fourteen classmates met for their 52nd annual class luncheon in May. Present were **Catherine Jodoin Beckley**, **Frieda Lisker Corris**, **Gertrude Ketover Glecken**, **Doris M. Haynes**, **Beatrice Wattman Miller**, **Kay O'Meara Moriarity**, **Margaret Mason Morison**, **Dorothy Markoff Nelson**, **Mary Fullerton**

Oleksiw, Claire J. Shea, Gerry Gould Terry, Dorothy Blanchard Vamvakitis, and Lillian Hicock Wentworth. Messages were read from several other classmates who couldn't make it.

With regret, the class accepted the resignation of **Dorothy Currier Bourden** as head class agent with thanks for her many years of dedicated service. **Dorothy Blanchard Vamvakitis** will replace her.

A final report came from **Natalie Basford Fancher** on the 50th reunion gift. With the maturation of the CD's, a total of \$7,931.05 was given to the University.

Dorothy Currier Bourden was honored this past spring for her volunteer work at the Fort Myers (Fla.) Historical Museum. The ceremony was televised. Dorothy lives in Fort Myers.

Kuo Ping Chou, Madison, Wis., is leading a group to China this fall, which she says may be her last visit to her homeland. Kuo is a retired professor of linguistics at the University of Wisconsin.

The Rev. **Harriett L. Gray**, South Paris, Maine, writes that her hymn, "O God, Our Heavenly Father," was chosen as the theme hymn for the annual meeting of the National Association of Congregational Christian Churches held last summer in Chicago. In 1980, her hymn, "Heavenly Father, Hear Thy Children," was the theme hymn. "It is thrilling to hear it sung by hundreds," Harriett writes.

Bee Wattman Miller's granddaughter, Deborah Feldman, daughter of **Caryl Ann Miller '59** and Dr. **Martin Feldman '58**, was married in August 1986, and Bee's grandson, **Andrew Feldman '86**, is a student in the Brown medical program. Bee lives in Providence.

Mary Fullerton Oleksiw, Manomet, Mass., has kept busy since retiring as class president. She is co-editor of *The Story of Manomet*, recently published by the Plymouth Public Library, and does library work at the Manomet Bird Observatory.

Alma Stone Sich and her husband, John, recently traveled to Morocco, Spain, and Portugal. They live in New Rochelle, N.Y.

G. Thurston Spicer, Jr., Brevard, N.C., joined engineering classmates "for fun and chowder" at **Don Congdon's** home in Groton, Conn., for three days in September.

Lillian Hicock Wentworth and her husband, Bob, went "elderhosteling" in Wyoming this summer. The trip continued a circuit of the Rockies that previously included trips to Utah, Colorado, and Arizona. Lillian is retiring as director of publications and public relations at Thayer Academy, but will continue as an archivist. Lillian and Bob live in Braintree, Mass.

Elizabeth Shaw Williams, Winchester, Mass., is a member of the board of directors of the United States Committee for UNICEF. She has served many years as Massachusetts state chairman as well as chairman of the Boston Committee.

Norman Zalkind, Fall River, Mass., executive director of the Southeastern Massachusetts University Foundation for the past three years, has assumed the new posi-

tion of special assistant to Dr. John R. Brazill, president of SMU. Norman will focus on special projects involving governmental relations and future planning for the university. During his three years as director of the foundation, SMU's assets have tripled. Norman has long been associated with SMU, having served both as a member of the state board of regents and as a member and chairman of the board of trustees. Before joining the university administration in 1984, he was executive director of the Fall River Office of Economic Development.

36 George H. Ames, South Natick, Mass., retired in 1984. "I thought I would hang out the sign, 'Gone Fishing,' but it hasn't happened that way and I am busier than ever, serving on town boards, church groups, the Lions Club, and doing small scale farming in Massachusetts and New Hampshire. I was recently elected director of the New England division of the 10th Mountain Division Association, a veterans' group working for world peace and understanding through men and women of kindred spirit."

37 June L. Samson, Winston-Salem, N.C., has given two scrapbooks containing news of the University and our years at Pembroke to the archives of

the John Hay Library. Karen Lamoree was pleased to receive these memories. Brown Archives also expressed an interest in making a videotape of our sophomore masque movies. **Eleanor R. McElroy** has given a donation toward converting the movie to video, and the class treasury is going to add to that sum to make the proposal a reality. The class hopes to be able to view the video sometime in the near future.

David F. Condon, Hot Springs, Va., emeritus professor of law and legal history at George Mason University School of Law, Arlington, Va., presented a paper on "Witchcraft Trials in Seventeenth-Century Virginia" at the Eighth British Legal History Conference at University College, Cardiff, Wales, in July. The conference is a gathering of scholars who are legal historians from the Continent, the Commonwealth nations, the United States, and the United Kingdom. They meet biennially in Great Britain. The paper will be published by The Hambledon Press.

E. Milton Hoyt, East Madison, N.H., writes that he's sorry to have missed the reunion, but he and his wife, Peggy, were traveling out West in their motorhome and motorcycle from April until the end of June.



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THE CLASSES

38 The following notes were taken from the September issue of the class newsletter, written and edited by **Luke Mayer**.

Ed Galway, Rome, Italy, writes that he and his wife, Ann Marie, traveled to the Greek islands of Rhodes, Crete, and the Cyclades, before taking on Switzerland and Sweden in July and August. "In the fall," Ed writes, "I'll take a one-month assignment at the United Nations Institute for Namibia in Lusaka, Zambia. Ann Marie will accompany me and afterwards we'll do some touring of the region. I want to repeat and extend a boat trip I did some years ago on the Zambezi River. We'll be at the 50th reunion, the other Providence willing."

Dr. Edwin F. Lovering, Rumford, R.I., writes that his grandson was admitted to Brown's class of 1991.

Robert L. Richard, Lewistown, Pa., embarked on a three-month trailer trip to the Pacific Northwest in June with his wife, Marybelle, "on the trail of big salmon from the deep water off Port Angeles, Wash. Assuming we survive, we have already planned a trip with an international caravanning club to New Zealand next February. This should be about forty-five days, and we then hope to be ready for the 50th reunion."

By happy coincidence, **Nellie Zigmuntowicz**, **Eydie Cornell**, **Jean Gordon Thomas**, and **Shirley Rohlfis Montmeat** and her husband, Frank, enjoyed lunch together in mid-June in Waterbury, Conn. Eydie and Jean had made the luncheon date with Nellie, Shirley and Frank, who had been visiting friends in New England, were returning home to New Jersey when they arrived in Waterbury and met the others. As Jean said, "We had a very good visit."

39 **C. Leigh Kingsford**, Carolina, R.I., is serving as president of the Charlestown, R.I., Senior Citizens Association.

James D. Wilson, Lexington, Ky., continues his extensive traveling. He went to Rio for Mardi Gras; to Key West, Miami, Destin, and Naples in Florida; and to Hawaii and San Francisco. "I'm also enjoying playing tennis, jogging, and swimming. I don't know when I had time to work," he writes.

40 **David W. Borst**, Palos Verdes Estate, Calif., was married on Aug. 16 to Lorraine J. Konzak. David retired from International Rectifier in September 1986, but continues to be active with the company as a consultant, serving as chairman of an industry committee and working on underwriters laboratories and nomenclature matters.

41 **Thomas A. Cotter, Jr.**, writes that he is "really enjoying the retired life here in Delray Beach, Fla. I would like to see any of my classmates who come through."

Ross D. Davis continues to practice law with Davis & Simpich in Washington, D.C.

43 **Tom Davenport** (see **Roger Sampson '44**), **William Parry**, Mystic, Conn., writes that his son, **Jeff Parry '81**, is the "proud father of a beautiful baby girl. Mother, Georgeette, and baby, Katlin Ann, are doing fine. The grandparents are doing fine, too!"

44 The class extends its sympathy to **Carolyn Woodbury Hookway**, whose husband, Ralph, died on July 21 after a long illness.

Roger W. Sampson and his wife, Mary, are now year-round residents of Hancock Point, Maine, following Roger's retirement in October 1986, after twelve years with the Central Intelligence Agency. Roger writes that one of the highlights of his "third career was the attempt by sixty-seven Brown students to place me under citizen's arrest during a 1984 CIA recruiting visit to the campus." Roger adds that he has renewed his correspondence with engineering classmate **Tom Davenport '43**, and also plans to return for the 45th reunion.

Stanley E. Snyder is one of six men inducted into the Erie, Pa., chapter of the Legion of Honor of the Chapel of the Four Chaplains last July. Stanley is commandant of the Pennsylvania Soldiers and Sailors Home in Erie. He is a volunteer with Meals on Wheels, the American Cancer Society, the United Way, and the United Jewish Appeal, and is active in setting up seminars for better health and nursing care. The Legion of Honor recognizes individuals for their humanitarianism and volunteerism and is named in honor of the four World War II chaplains—a rabbi, a Catholic priest, and two Protestant ministers—who gave their lifejackets, their only means of survival, to four young soldiers on the *SS Dorchester* as she was sinking.

45 **Irene Pretzer Pigman** and her husband, Nat, took an elderhostel trip through Spain and Portugal. "Granada and Madrid were wonderful," Irene writes. "We stayed in college dorms, ate in the cafeteria with students, studied medieval times with college professors, and visited points of interest on our own tour bus. Travel begins at sixty." Irene and Nat live in Edgewater, Md.

46 **Judith Korey Charles**, New York City, writes that her son, **Frederic Korey Charles**, was graduated from the University of Texas last May and commissioned as a second lieutenant in the U.S. Air Force. He goes on active duty in January and, until that time, is working on the staff of the U.S. Mission to the United Nations.

Sybil Blackman Lesselbaum was presented the Ely Medal of Beauty at the Rhode Island Federation of Garden Clubs' annual luncheon in Newport. The award is given to individuals for their "unique contributions of beauty to the community and to the aims of the club, which in turn benefit the community." Sybil was the seventh recipient of the award. "I was delighted and very

touched to be honored in this manner," she writes. "As a past president of the RIFGC, master judge, teacher, and lecturer on the art of flower arranging, I keep busy. I also travel a great deal and that provides me with new inspirations for designs." Sybil lives in Warren, R.I.

48 The reunion committee is planning a full weekend of events for our 40th reunion. Reunion gift co-chairs are **Barbara Oberhard Epstein** and **Carolyn Biggs Betz**. **Betty Montali Smith** and **Tish Orr Daley** are heading the activities committee.

Dr. Gordon F. Anderson, Tiverton, R.I., retired in June.

Fred Flanders, Jack and Melissa **Tinker Howland** (see **Hal Tinker '21**).

John T. Nowell, Rehoboth, Mass., writes that he has joined Robert Haig Associates, of East Providence, R.I., an architectural and engineering firm. His son, Gregory, a teaching assistant at MIT, is studying for a master's in architecture. Richard is assigned to the *USS Anchorage* and has been promoted to lieutenant (jg). John's wife, Skip, is executive director of the YWCA of Northern Rhode Island. They have four grandchildren.

Perla Rajman de Arditi, Buenos Aires, Argentina, sends word that she met **Dr. Sheldon Seveior**, who completed his internship at Brown, at an international meeting of plastic surgeons in Buenos Aires. "We really enjoyed having the chance to get together," Perla says. "As for myself, I taught English for thirty years and am now retired. My husband is in the pharmaceutical industry and I have a daughter, Debora, and a son, Gustavo, who is an architect. I travel to the U.S. every year, and I keep on feeling a great respect, admiration, and warmth toward the American people. I got all that from Brown. If there are any graduates from Brown traveling to Buenos Aires, I would be very pleased to meet them. My phone number is 552-3812. Please, don't hesitate to call. It would be a great pleasure."

49 **Samuel P. Beachen II**, Barrington, R.I., was married on Aug. 24, 1985, to Deanna Jimenez. "A package deal that included an 8-year-old stepdaughter, three cats, and a 17-year-old dog."

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Mark Spilka, Providence, won two NEH grants this year: one for the twentieth anniversary conference of the journal, *Novel: A Forum on Fiction*, of which he is the editor; and the other for his ongoing study of "Hemingway's quarrel with androgyny." He continues to teach English literature at Brown.

50 Nancy Tinker DeLong (see Hal Tinker '21).
James R. Hebdon, Carmel, Ind., is "still in the Indianapolis area—an exciting place to be with all the growth and urban renewal. I was a volunteer for the Pan Am Games, which highlighted the summer. There was also excitement this past spring with my daughter, Susan, was married."

51 Stephen T. Smith, Moorestown, N.J., retired from teaching computer science and mathematics at Moorestown High School after thirty years. "I opened a restaurant and ice cream parlor in growing Mount Laurel, N.J., with my youngest son, Steve, Jr., as my partner. I am enjoying making homemade ice cream and serving the public," he writes.

Irving K. Taylor, North Kingstown, R.I., has taken a new position as staff architect with the University of Rhode Island physical plant.

54 Thomas J. Cashill, Barrington, R.I., resigned as New England marketing manager of Burlington Industries after twenty-eight years of service. He formed New England Yarn Sales Company, East Providence, R.I., and Comtech, a communications company concentrating on political campaigns in New England. "Alice Williams Cashill, my wife of thirty years, continues to be the driving force in this marriage. I just want to rest."

56 Paul Chorney has been appointed marketing manager of the microwave tube operation of the Raytheon Company in Waltham, Mass. Prior to joining Raytheon, Paul held several engineering and management positions with M/A-COM, Inc., and Uniroute Corporation, and was most recently vice president of marketing for M/A-COM Microwave Circuits, Inc. He is a member of IEEE and has been a visiting professor of electrical engineering at Brown and a guest professor of electrical engineering at Northeastern University. He holds several patents and is the author of numerous publications. Paul lives in Sudbury, Mass.

Rosalie Greenberg Goldman has begun her second year as secretary of the Newport County (R.I.) Brown Club. Her son, Steven Goldman, is in private practice in New York City specializing in immigration law. Rosalie lives in Newport.

Daniel K. Hardenbergh, Boston, retired from New England Telephone last year—after thirty years—"to effect my first career change. I just started with the brand new Massachusetts Office of Business Development in the state's Department of Economic Affairs. My function is to implement

one-stop shopping for new and growing businesses needing state services. Much fun!"

After nearly sixteen years as an investment banker with Merrill Lynch, **Carl H. Seligson** has joined Kidder, Peabody as a managing director. "I still work with utility companies across the country, and will address the Financial Management Association's annual meeting in October and the National Association of Regulatory Utility Commissioners' annual meeting in November. I remain a confirmed native of Manhattan, where I live and enjoy the pleasures of the Big Apple."

57 Lynn Hare Jachney, Swampscott, Mass., runs Lynn Jachney Characters, Inc., out of Marblehead, Mass.

58 John Downes, Englewood, N.J., writes that his second book, *Baron's Finance and Investment Handbook*, was featured in Fortune Book Club as its September selection. The 994-page volume's co-author is Jordan Elliot Goodman, senior reporter for Time Inc.'s *Money* magazine and son of Professor Elliot Goodman of Brown's political science department. The book was published in July 1986 and then revised this year to reflect the new tax legislation. It is about to go into its seventh printing. "Even happier news," John concludes, "is that my daughter, Annie, has begun her freshman year at Brown."

Dr. Martin Feldman (see Bee Wattman Miller '43).

Edward S. Flattau, Washington, D.C., won two national journalism awards in the past year for environmental writing. He is the author of a twice-a-week, nationally-syndicated environmental column.

Elizabeth Belknap Stirling, Saugus, Mass., writes that she and her husband celebrated their silver wedding anniversary in May. "Two of our three daughters work at Draper Laboratory in Cambridge, Mass., with my husband, manager of the photo and AV lab, and me, writer/editor in the publications department."

59 Joel D. Baumgarten sends this: "After twenty-eight years in large, corporate settings, in management positions as diverse as information systems and human resources, I've launched a new career: legal administrator. In June, I became administrator for the Miami law firm of Paul, Landy, Bailey & Harper, P.A., a thirty-one-lawyer firm specializing in international law, banking, securities, real estate, tax, complex litigation, bankruptcy reorganization, and immigration. I've enjoyed the refreshingly different work environment, and I've encountered two Brunonians: **Richard E. Brodsky** '68, a member of the firm; and **Peter T. Bonner** '80, an associate." Joel lives in Hollywood, Fla.

Lawrence S. Groff is a partner in the firm of Oster & Groff, Lincoln, R.I., which was formed on July 1. Lawrence lives in Lincoln.

W. Paul Hagenau, Louisville, Ky., married Anne Elizabeth Aldridge Neeld on Feb. 22 at Incline Village, Lake Tahoe, Nev.

Caryl Ann Miller (see Bee Wattman Miller '35).

Since April, **Robert Rogers** "has been director of 'Music Under New York,' a program of music for subway and rail commuters co-designed by the Metropolitan Transportation Authority and Symphony Space, a community-sponsored center for the performing arts, where I also direct an arts-in-education program for NYC public schools."

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THE CLASSES

Imagine my surprise in learning that the MTA had hired, as my coordinator in the MTA office, another alum of Brown theater, **Santina Goodman '82.** Bob lives in Teaneck, N.J.

Dr. Clark A. Sammartino, North Kingston, R.I. a boxing judge sanctioned by the WBA, USBA, and IBF, was a judge at the Haugen-Pazienza lightweight championship fight at the Civic Center in Providence.

Carolyn Gaines Spector, Eugene, Oreg., was hired a year ago to create and run a middle- and high school-level school at Looking Glass Shelter in Eugene. She has successfully completed the first year of curriculum development and operation of the school. The Shelter offers assessment and evaluation of at-risk youth. Carolyn also continues to teach French at Lane Community College's adult education program. Her husband, John Bredesen, is a broadcast television consulting engineer. Their son, Bob, 22, graduated from Northwestern and spent the summer teaching in the Wellesley College exploration program. He is in video production in Chicago. Their daughter, Miriam, 18, is a freshman at Oregon State University.

60 Linda Ceperly Smith, Greenbrook, N.J., received her Ph.D. in guidance and counselor education from the University of Toledo in August. Linda and her husband, Douglas, have two children: **Marcia '84** and **Scott** (Dartmouth '87).

61 The responses to the proposed class constitution have been "pouring in"—seventy-three so far. Two have voted against, and one questioned why we need a constitution. All the other responses have been in favor.

David Parent hastily scrawled this note on his card: "I was happy to check out the class roster and find that all the girls that I liked are married and living in the suburbs. I have been married for twenty-two years and live with all four children in genteel poverty in Wallingford, Conn."

Mary Fryer Doerfer and her husband, John, have moved. Their new address is 30425 Vine St., Lindstrom, Minn. 55045. They look forward to hearing from friends.

Wright Patterson Air Force Base has awarded Texas Instruments a contract to apply artificial neural network algorithms to radar signal processing, and **P. Andrew Penz** has been named principal investigator. Brown Professor James A. Anderson will consult on the use of his BSB model to achieve the contract goals. Thirty years after their own freshman week, **Andy** and his wife, **Sandy Newman Penz**, visited the campus to help their son, **Mark**, enroll as a freshman. **Andy** and **Sandy** live in Richardson, Texas.

Harry L. Usher, chief operating officer of the 1981 Olympics and commissioner of the now defunct United States Football League, is president of Weintraub International Enterprises and senior vice president of the parent company, Weintraub Enter-

tainment Group. Harry's job is to direct and manage the company's domestic and international acquisitions and new ventures. A graduate of the Stanford University School of Law, he practiced in Los Angeles for sixteen years, co-founding his own firm, Litz & Usher, in 1974. Harry lives in Tarzana, Calif. He was recently elected a trustee of Brown.

62 Dale R. Burg, New York City, writes that her new column, "Voila," had its debut in the Sept. 18, 1987, issue of *Family Circle* magazine. She also writes the "Mary Ellen's Kitchen" column for the magazine and a weekly column of hints and humor for *The Star*.

Emily Mott-Smith MacKenzie, Manchester, Conn., writes that **Pam Jackson Isayama** stopped in for an overnight visit in August while she was touring New England with her family. "She loved hearing reunion news and vows she'll be back for our 30th," Emily writes. "Just like the rest of us, she hasn't changed a bit!"

63 Dale R. Perelman, New Castle, Pa., has been named president of the Diamond Council of America, a non-profit educational organization.

64 R. Lee Bennett announces the birth of his eighth child and fourth son, **Paul Andrew MacDonald Bennett**, on Aug. 29. Lee continues to practice corporate and business law with the eighteen-lawyer firm of Boroughs, Grimm, Bennett & Griffin, P.A., in Orlando, Fla.

Dr. Joseph E. Godard and his wife, Nancy, announce the birth of their second son, **Michael William**, on April 16.

Jason W. Robinson (see **Ruth Laudati Robinson '66**).

65 Allan Colby, Portola Valley, Calif., has joined D'Arcy Masius Benton & Bowles/San Francisco as an account supervisor, responsible for the agency's Hyundai Electronics America account. Prior to joining DMB&B, Allan was principal of his own company, Allan O. Colby Marketing/Communications, which specialized in business-to-business marketing communications counsel. He is a member of the American Marketing Association and the Business/Professional Advertising Association.

66 Ruth Laudati Robinson received her master's degree in journalism from Columbia in 1987 and was awarded a management fellowship to the Poynter Institute for Media Studies. Her husband, **Jack '64**, is president of Rieger, Robinson & Harrington, a small investment management firm in New York City. Their daughter, **Heather**, is a junior at Brown. **Ruth** and **Jack** live in New York City.

Jeffrey A. Smith and his family recently moved to Mendham, N.J., after thirteen years in Mill Valley, Calif. Jeff joined his brother's Wall Street investment firm, R.D. Smith & Company, as executive vice president and specialist in acquisitions.

J. Christian Vardala and his wife, Anne, have been living in Finland since 1984. Chris works at Data General, and Anne, who is an economist, is with a United Nations commission. Their address is Jungfrustigen 8, 00140 Helsingfors, Finland.

67 Judi Lubar Roth lives six months a year in Seattle, Wash., and six months in Europe—"singing jazz, making commercials (Hi, Buskin!), counseling terminally ill patients, and still confused and evolving. Call or write at 4505 S.W. Brace Pt. Dr., Seattle 98136. Come and visit, I have a view of mountains, islands, and ferries. (206) 937-9648."

Susan Kantor Zepeda and her husband, Nando, live in Fullerton, Calif. They have six children: Cruz, 21; Rita, 18; Dan, 15; Adam, 12; Paloma, 2; and Sofia, 1. Sue, who recently received her Ph.D. in social psychology, is deputy director of public health for Orange County. She presented two papers on her work at the most recent International Council of Alcohol and Addictions conference in Lausanne, Switzerland.

68 Richard E. Brodsky (see **Joel D. Baumgarten '59**), Navy Comdr. **Craig V. Campbell** returned from a Mediterranean cruise with Fighter Squadron-41, Naval Air Station Oceana, Virginia Beach, Va., aboard the aircraft carrier *USS Nimitz*. The fleet visited such ports as Antalya, Turkey; Monaco; Toulon and Cannes, France; Palma de Mallorca; and Rio de Janeiro.

Edward J. Fitzgerald has been named senior vice president and chief financial officer of American National Can Company's Performance Plastics Packaging Division in Greenwich, Conn. Responsible for financial control, reporting, and planning, Ed also manages the review of potential acquisitions for the division. He lives with his wife, Anne, and their three children in Ridgefield, Conn.

William D. Gibson, Berkley, Mass., has been promoted to vice president in the commercial credit department at Citizens Bank. He had been working as assistant vice president. Bill, who joined the bank in 1977, also serves as a incorporator for Morton Hospital in Taunton, Mass. He is a member of the National Association of Credit Managers, and Robert Morris Associates, a national association of credit lending personnel.

Dodd Valdes-Dapena-Hillebeitel writes he is now "half an artist." Dodd and his wife, Victoria, paint with pigmented polymers on stretched silk canvases under the pseudonym of "Victoria Dodd." Their work is represented by the Joy Beran Gallery of Philadelphia. Dodd and Victoria live in Collegeville, Pa.

69 Dr. James F. Burris, associate professor of medicine at Georgetown University School of Medicine in Washington, D.C., has been elected to fellowship in the American College of Cardiology. He lives in Washington, D.C.

Dr. **Kenneth R. Dawson** and his wife, Susan, announce the birth on June 21 of their son, Robert Cleaves Dawson.

Walter C. Dolde, Jr., Westport, Conn., is co-president of the Fairfield County (Conn.) Brown Club and vice president at Citicorp Investment Bank, working on investment strategy and risk management.

Louisa Eaton Gralla and **Dr. Richard J. Gralla** announce the birth of Catherine Elizabeth on Sept. 29, 1986. They live in New York City.

The board of directors of the American Newspaper Publishers Association announced in September the promotion of **W. Terry Maguire** to senior vice president. Formerly vice president and general counsel, he will continue his responsibilities as general counsel and chief government relations officer of the association. Terry joined ANPA in 1979 as associate general counsel. Prior to that, he was general counsel of the National Newspaper Association in Washington, D.C. He previously served as attorney-advisor to the broadcast bureau of the Federal Communications Commission and worked for a Washington, D.C., communications law firm. Terry lives in Arlington, Va.

John R. Thelin, Chancellor Professor of Education at the College of William and Mary, gave the inaugural lecture of that college's School of Education Alumnae Distinguished Lecture Series. He spoke on the topic, "Higher Education and History." For the past four years, John has served as co-ordinator of the School's Higher Education Program, which enrolls more than 100 students at all graduate degree levels.

70 Lawrence E. Jurrist, Hallandale, Fla., "had a wonderful summer teaching intensive English to European university students at Florida International University. I'm now back teaching high school Spanish and French."

Bernard Mendillo's new play, *Playing With Pain*, was performed by the Leonard Meli Repertory Theater of Binghamton, N.Y., at Roger Williams College, Bristol, R.I., last July. Bernard lives in Warwick, R.I.

Glenn F. Morse, Massapequa, N.Y., has been promoted to director, Eastern region, of the Air Transport Association. His office is responsible for coordinating air traffic control, noise abatement, airport construction, and other operational matters for ATA-member airlines serving the Northeast. Glenn adds, "The welcome mat is always out at the 'Hotel New Hampshire' for old friends willing to brave the perils of the New York skies or roads."

Renee Rose Shield, Seekonk, Mass., has "lots to report. A new baby, number four, was born on July 4. Her name is Lily Susanna. She joins Sonja, 12, Aaron, 10, and David, 6. Same terrific marriage! I wrote a fun book—an anti-advise book for over-educated new parents—called *Making Babies in the 80s* (Harvard Common Press, 1983; Avon, 1986). I am director of research and education at The Jewish Home in Providence. My new book, *The End, about life in a*

nursing home, will be published by Cornell University Press in 1988."

71 David G. Cox, Bloomfield Hills, Mich., has begun his eleventh year as a resident faculty member and mathematics instructor at the Cranbrook Kingswood School in Bloomfield Hills. In 1984, he received his A.M. in counseling from Oakland University in Rochester, Mich.

Annemarie C. Schwarzkopf has moved from Washington, D.C., to Atlanta, where she joined C&S National Bank in commercial lending. Her new address is 308 North Hill Pkwy., Atlanta, Ga. 30341.

Robert W. Stearns has been appointed vice president, corporate development, at Codex Corporation, a wholly-owned subsidiary of Motorola, Inc., with headquarters in Canton, Mass. He lives in a new home in South Natick, Mass.

72 David Atwood, a resource economist in the U.S. Foreign Service, has moved with his wife, Nancy, and their children, Paul and Judy, to Mali, West Africa. Their address is Banako 1D, Department of State, Washington, D.C. 20520-2050. This update was supplied by David's father, **Preston A. Atwood '44**, of Rumford, R.I.

Oliver D. Cromwell has joined the corporate finance department of Oppenheimer & Company in New York as a senior vice president. One of eight senior people in the department, Oliver will be working with middle market and growth companies in their capital raising efforts. Oliver and his wife, Sheila, a certified financial planner, live in Bronxville, N.Y.

Dr. Jonathan L. Elion ('75 M.D.), Lexington, Ky., has been elected to fellowship in the American College of Cardiology. He is assistant professor of medicine and director of biomedical image processing at the University of Kentucky.

Stephen G. Lioce has joined the Boston law firm of Goodwin, Procter & Hoar as an associate in the tax department. Steve, who has an M.B.A. from Penn's Wharton School, received his law degree magna cum laude from Boston College Law School, where he was elected to the Order of the Coif, a national legal honor society. Steve resides in Wellesley, Mass.

Thomas L. Misuraca, Grosse Pointe Woods, Mich., is a partner in the Detroit law firm of Garran, Lucow, Miller, Seward, Cooper, Becker, P.C. He is married and has four children: Nina, Grace Ann, and twin boys, Jimmy and Larry.

Hal Webber (see Mayumi Hikata Webber '75).

73 Robert Gleason has been appointed vice president, sales and marketing, of Interactive Images, the Woburn, Mass., maker of EASEL, a software development language for designing touchscreen-based front ends to existing mainframe applications to simplify usage for nontechnical users. He previously was Distribution Management System's northeast

regional sales manager for six years. DMS, based in Lexington, Mass., is a subsidiary of Cullinet Software, Inc. Robert lives in Newton.

Scott Blake Harris continues as a partner in the Washington, D.C., law firm of Williams & Connolly.

Martin J. Rosenthal has been promoted to senior manager of the consultants-to-management division of Deloitte Haskins & Sells, an international accounting and consulting firm. Martin, who has a background in the application of microcomputer solutions to business needs, serves as vice-chairman of the Berkeley Real Estate Associates and is a member of NASP. He lives in Berkeley, Calif.

David J. and Louise Cohen Trudel announce the birth of their second child, Rebecca Louise, on March 18. Their son, Robert, is 4½. They live in Southington, Conn.

74 F. Gregory Ahern has been elected senior vice president in charge of corporate marketing communications of The Boston Company. The division includes advertising, public relations, direct marketing, telemarketing, collateral materials, and marketing research. Greg oversaw the production of the company's "Privileged Client" advertising campaign, which won an Andy Award in the financial services national print campaign category. He joined the company in 1985 as director of corporate marketing. Prior to that, he was a vice president with Fleet Financial Group in its London office. Greg lives in Boston with his wife, Vivian, and their daughter, Andrea.

Geoffrey K. Burkman's new address is in Kettering, Ohio. He writes that his daughter, Emily, saw her first fireworks at 8 months, and "played peekaboo at the finale." He adds, "Let it be said here first. Damn it, the first day of the third millennium will be Jan. 1, 2001, not Jan. 1, 2000! I don't care how neat it'll look on a digital calendar."

Jeremiah J. Davis is a first-year law student at the University of South Dakota in Vermillion.

Stuart and Deborah Lippman ('75) Himmelfarb, New York City, announce the birth of Eric Samuel on Nov. 16, 1986. Stuart is chief operating officer of Education & Career Resources, a new venture in the video and publishing field.

Dr. David O. Ranz writes: "It's back to school again. After becoming board certified in emergency medicine, I switched gears and began a residency in ophthalmology last year. So I packed up my wife, Linda; Carla, 11; Paul, 9; and Becca, 3, and we moved to Chattanooga, Tenn. Our new address is 6818 Hamptonwood Cir., Hixson, Tenn. 37343. Feel free to stop by."

75 Mary Chaffin and Lance Murty (Grinnell '77) were married in Salem, Oreg., in 1981. They live at 2550 N.E. 30th Ave., Portland, Oreg., and have two sons, Daniel Scott, 2, and Gregory Alan, born on March 28. Mary is on a maternity leave from the law firm of Ragen,

THE CLASSES

Tremaine, where she has specialized in complex commercial litigation since 1982.

Thomas O. Childs, Andover, Mass., writes that Christopher Wilson Childs was born on Aug. 6. "The youngest pup looks forward to meeting all the others," he says.

Dorothy Clark is enrolled in the M.B.A. program at Cornell. "It's quiet in Ithaca, and I'd love to hear from classmates in the area. My address is 320 Pleasant St., Ithaca 14850."

Kenneth H. Colburn notes that his family now includes Elizabeth, 3, and Edward, 1. Ken is still working at First Boston and living in Westport, Conn.

Deborah Lippman Himmelfarb (see **Stuart V. Himmelfarb** '74).

After eight years as a talent agent and artist manager, **David Hirschland** has enrolled at UCLA Law School. "Advice or condolences can be sent to 3025 Effe St., Los Angeles, Calif. 90026."

Kenneth J. Warren has been named a partner in the Philadelphia-based law firm of Wolf, Block, Schorr and Solis-Cohen. Ken joined the firm in 1980 and practices environmental, fidelity, and commercial litigation. He lives in Chestnut Hill in Philadelphia.

Mayumi Hikata Webber writes that she, her husband, **Hal** '72, and their son, Peter, have moved to Berkeley, Calif., where Hal is working for a start-up company called Farallon Computing. "If anyone is in the neighborhood, we'd love to see you. Our address is 30 Hill Rd., Berkeley 94708."

76 Jim and Diane Giles ('77) **Berliner**, Los Angeles, announce the birth of their first child, David Giles, on July 9.

John G. Berylson and his wife, Amy, live in Wellesley Farms, Mass., with their three children: Jennifer Lee, 8, James Thomas, 6, and Elizabeth Sara, 2. John is a partner and director of corporate finance for Cowen and Company, a high-technology and health-care investment banking and research-oriented brokerage firm.

Richard H. Burrows, Cranston, R.I., is attending Northeastern University's School of Law. "In order to ease the financial burden and to remain involved in competitive swimming, I am also working as the assistant swimming coach at Northeastern."

Frederick D. Massie has joined Duffy & Shanley, Inc., as an advertising account executive. He was previously director of marketing for Battenfeld of America, a West German manufacturer. He also worked as an account executive at Spencer Bennett Nowak, Secokn, Mass., and as an advertising and sales account executive at Procter and Gamble. Fred lives in Providence with his wife and their two daughters.

Dr. William H. McGill, West Palm Beach, Fla., is completing a three-year tour of duty with the U.S. Public Health Service as the only psychiatrist for two rural counties in South Florida. "Yes, even poor and country folk need a good shrink from time to time," he says. "I really love my work, appreciative patients and co-workers, sugar cane, gators, snowy egrets, Belle Glade, par-

adise lost, dusty footprints of Zora Neale Hurston. I'm a big city kid at heart, though, so I'll probably be moving to Miami in June 1988. I would love to hear from old friends. (305) 798-4744."

Michael M. Palatucci has begun a graduate program in ocean engineering at MIT. His wife of six years, Pleun Bouricuis, is doing graduate work in the history of American civilization at Harvard. They are looking forward to hearing from friends and classmates in the area.

77 Dr. Arthur R. Bartolozzi has joined the Rothman Institute of Pennsylvania Hospital as an orthopaedic surgeon and specialist in sports medicine. The new program will serve student and professional athletes, as well as recreational athletes, and will enhance the hospital's existing orthopaedic services that have a special emphasis on hip, knee, and spinal problems. Prior to joining Pennsylvania Hospital, Art was a fellow in sports medicine at UCLA, where he also served as assistant team physician for the UCLA athletic program. He was recently recognized by the American Orthopaedic Society for Sports Medicine with the Excellence in Research Award for innovative investigational work on wrist pain among college gymnasts. He lives in Philadelphia.

Diane Giles Berliner (see **Jim Berliner** '76).

Michael J. DelMedico and his wife, Mary Ann, announce the birth of their first child, Caitlin Marie, on June 10. They reside in Akron, Ohio, where Mary Ann is a CPA with Coopers & Lybrand, and Michael is a partner with the law firm of Scanlon & Gearing.

Mark Pandiscio has been named a partner in the patent law firm of Schiller, Pandiscio & Kasner in Cambridge, Mass. His wife, **Lynn Nathanson Pandiscio**, is a senior vice president of Charles River Broadcasting, the parent company of WCRB-FM. And, Lynn writes, "little Jennifer Cara Pandiscio (Jennie) celebrated her first birthday on July 16." They live in Boston.

Toby Elbaum Spitzer and her husband, Scott Spitzer, announce the birth of their son, Steven Morgan, on Nov. 22, 1986. They live in New York City.

78 Joyce E. Hempstead received her M.F.A. from Boston University in May 1983. She and Jerry Morrow were married in Boston on July 28, 1984, and their daughter, Bethany, was born on July 2, 1986. "The joy she brings us has compounded with each of her fourteen months," Joyce writes. "I am freelancing as a graphic designer, doing a lot of collateral corporate I.D. and bookjackets at the moment. Jerry is rector of St. John's in Sharon, Mass., and active in the music and liturgical commissions of this diocese." Their address is 89 Monsignor Lydon Way, Dorchester, Mass. 02124.

Paul Jones (see **Hal Tinker** '21).

During the 1986-1987 academic year, **Jon R. Maddox** was an associate editor of

the *Harvard International Law Journal*, for which he wrote an article on the taxation of imported goods. He also was co-author of an article on human rights reporting in Nicaragua for the inaugural edition of the *Harvard Human Rights Yearbook*. Jon lives in Sherborn, Mass.

Dr. Stephen J. Margulis ('81 M.D.) is an assistant professor of medicine at Cornell University Medical College and an attending physician in gastroenterology at the New York Hospital in New York City, where he lives.

Dr. Karen F. Meckler completed her residency in psychiatry at the University of Maryland Medical School and is pursuing advanced training in psychoanalysis at the Baltimore-Washington Institute of Psychoanalysis. On June 4, she gave birth to Joshua David Sachs, whose father is **Brad Sachs**, a clinical psychologist specializing in marital and family therapy and director of The Father Center, a clinic and resource exchange for new and expectant fathers. Brad has completed two books on fathering issues and continues to record and perform his "Songs for Families and Their Therapists." His office, which he shares with **Karen**, is located at Suite 103, Stevens Forest Professional Center, 9650 Santiago Rd., Columbia, Md. 21045.

Dr. Andrew T. Pavia married Teresa Murphy in May 1986 and began working at the Centers for Disease Control in Atlanta in July 1986. He is in the enteric disease branch at the Center for Infectious Diseases. Andrew and Teresa live in Atlanta.

Sarah C. Stratton and Thomas D. Genton were married in Schenectady, N.Y., on June 20. Sarah had worked as assistant director of public relations at Women's and Infants Hospital in Providence. Thomas is a foreign service officer with the United States Information Agency and has been assigned to Harare, Zimbabwe, Africa.

Marcia Zaia Wasser has left Madison Avenue and advertising to become vice president of marketing for Citidel Industries, a premium and incentive marketing company in Metuchen, N.Y. She lives in New York City.

Dr. Jill C. Weiskopf, Providence, has started her fourth and final year as a NHSC-obligated pediatrician at Health Services, Inc., in Woonsocket, R.I. She will be teaching medical students at the center two or three days a month, "so I better sharpen up. Post-NHSC plans are still very much up in the air at this point. My partner at the center is a fellow Brunonian and classmate, **Dr. James Wall**."

79 Jeffrey A. Graham moved to Sweden for six months in October to build a Scandinavian legal practice for Couder Brothers. His new address is c/o Danstunod No. 1, St. Gertrudsgatan YC Malmö 21125.

Carol Wiener Hickman and her husband, E. Stewart Hickman, Silver Spring, Md., "continue to be delighted and somewhat exhausted by their son, Andrew Sumner Hickman, who was born on Oct. 17, 1985." Carol is a legal assistant with the law

firm of Arent, Fox, Kintner, Plotkin & Kahn. She is moving to the firm's new Maryland office, which will be under the direction of former Maryland congressman Michael D. Barnes. Stewart is an educational consultant with Arthur Andersen & Company.

As a thirtieth-birthday present to herself, **Julie Ann Iselin** began her own custom interior decorating business. "I help my clients select custom-colored and coordinated interior design products for both homes and offices. My service is unique in that I go to my clients, and work with them to choose from a full range of quality accessories that reflect their tastes and lifestyles. D.C.-area residents should feel free to give me a call at (202) 544-4360. My service begins with a complimentary color and design consultation."

Dr. Marcia F. Katz graduated from Boston University Medical School in 1984. She completed an internal medicine residency at Boston City Hospital and will begin a fellowship in pulmonary medicine at Boston University Medical Center in July 1988. She is married to Dr. Joel Wolinsky (BUSM '84), a resident in neurology at Boston University Medical Center.

Michael J. Levinger writes that he moved a year ago and is now "in the midst of moving up our second house in two years. In addition, work continues at a frantic pace. We're always happy to have visitors at 413 Weston Rd., Wellesley, Mass. 02181."

Paula Lambert Liang, Baltimore, Md., writes that she is in "temporary retirement, caring for Ben, 15 months." Her husband, **James Liang**, works for Alexander Brown & Sons, Inc. They'd love to hear from classmates in the area, or those passing through.

John R. Parziale (see Dr. Mary C. Frates '81).

Jane Rothschild and **Nigel Dickens** were married last September, with many Brown classmates in attendance. Jane and Nigel live in Sydney, Australia.

Wendy Walker and **David Moffat** '80 were married last August. A number of Brown classmates attended. Wendy and David live in Berkeley, Calif.

Katha Diddel Warren and her husband, Paul, have returned from Hong Kong and are living in New York City. Katha continues her China trade business at 420 Madison Ave., #804, New York City.

80 **Leila J. Afzal** was married to Malcolm M. Byrne (Tufts '77) on Aug. 1. A number of Brown friends attended the wedding. Leila is an international trade lawyer in Washington, D.C., and Malcolm works for the National Security Archive, a not-for-profit foundation. He is the editor of *The Chronology*, an account of the Iran/Contra scandal. They live in Washington.

Peter T. Bonner (see Joel D. Baumgarten '59).

Jeffrey M. Dennis is practicing commercial real estate law with Blake, Cassels & Graydon in Toronto. He and his wife, Lois, had their first child, Matthew Cale, on June 2.

Susan A. Fisher was married in June to Judah Plotner. **Martha Buckley**, **Tracey Estlow**, **Cindy Shearn Tainish**, and **Nancy Chick** were bridesmaids, and "lots of other Brown classmates were there to witness the event. I am still at American Express. Judah is an international equity sales/trader at Donaldson, Lufkin & Jeurette." They are living in New York City.

Dr. Suzanne G. Frisch and her husband, Dr. Jonathan Levine, announce the birth of their first child, Rachel Beth Levine, on May 15. "She is a delight and we are enjoying parenthood immensely. We have a few more years in Boston as we finish our residencies. I had a four-month maternity leave from my residency at Tufts/New England Medical Center, where I am in the physical medicine and rehabilitation program."

David Moffat (see Wendy Walker '79). **Paul Mylonas** has moved to Washington, D.C., where he is working for the International Monetary Fund, after completing his Ph.D. in economics at Princeton and teaching for a couple of years—"following the family tradition but being a much easier grader."

Edward A. Nolfi has opened his own law practice in Akron, Ohio.

Dr. John Van Deren ('83 M.D.) was married to Heather Gillespie in Ashland, Ky., on March 8, 1986. **Ron Munroe** served as best man and many Brunonians were in attendance. John and Heather live in Denver, where John is a senior cardiologist fellow at Fitzsimons Army Medical Center. They'd love to hear from old friends at 9400 East Hill Ave., #056, Denver 80231. (303) 752-2760.

In the last year, **Peter W. Wallis** "happily moved back to New England from New York City, purchased a home by a lake in Hudson, Mass., and joined NEES Energy as a development principal responsible for building energy conservation and alternative energy projects. One of the best benefits of living less than an hour from Providence was attending the Campus Dance to share great mirth and merriment with **David (Moose) Ostrow**."

81 **Dr. Mary C. Frates** ('85 M.D.) is in her second year of radiology training at Tufts-New England Medical Center. Her husband, **Dr. John R. Parziale** '79, is an assistant professor of orthopaedics at Brown and director of rehabilitation medicine at Rhode Island Hospital. He is one of only three full-time, board-certified specialists in rehabilitation in Rhode Island and is president of the Rhode Island Society of Rehabilitation Medicine. Mary and John moved to Sharon, Mass., in April.

David Hurwitz is a graduate student and research assistant in the chemistry department of the Weizmann Institute of Science in Rehovot, Israel.

Jeff Parry (see William H. Parry '43).

Tricia Wurtz and **Knut Kielland** were married on May 16 at Tricia's parents' home in Illinois. A number of Brown alumni attended the wedding. Both Tricia and Knut

are working on their doctorates: Tricia in boreal forest ecology, and Knut in the physiology of arctic plants. Their address is P.O. Box 82864, Fairbanks, Alaska. They would be glad to hear from all friends, and especially from those planning a trip to Alaska.

82 **Lianne Marie Arrington** and **Gregory A. Merchant** were married on July 26 in St. Albans, N.Y. Lianne is an M.B.A. candidate in real estate finance at the Columbia University School of Business. Gregory is the chief executive officer and chairman of the board of Investment Design Properties, Ltd., a New Rochelle, N.Y.-based development and commercial investment brokerage firm. The couple reside in Larchmont, N.Y.

Santina Goodman (see Robert Rogers '59).

Henry W. Kimmell, New York City, writes that he plans to marry **Barbara Weiss** '83 in Memphis, Tenn., in December.

Gregory G. Mercurio has received a diploma and credentials as a special agent for the Department of State's Diplomatic Security Service in Washington, D.C. The graduation ceremonies followed five months of intensive training in criminal law enforcement and investigations, firearms, counterintelligence, evasive driving, and personal protection techniques. Special agents guard U.S. embassies and foreign service personnel abroad and protect certain foreign dignitaries in the U.S. Gregory's first assignment is in Washington, D.C.

Tony Weisman and **Tracy Brownell** '84 were married at Bond Chapel at the University of Chicago on July 25. "A healthy Brown contingent in the wedding party included: **Harry Rosenberg**, best man; **Karen Haney** '85, maid of honor; and **Andrea Cohen** '84 and **Debbie Epstein** '84, bridesmaids; and several more members of the class in attendance. Tony and Tracy live in Chicago, "near Wrigley Field, and encourage visitors. We both work at Leo Burnett as account executives. Ironically, we met three years ago at Brown while I was recruiting for Leo Burnett, and Brown has remained a big part of our lives since we met. Tracy's family lives in Narragansett, R.I., and so every trip back to Brown is really a Homecoming."

83 **Catherine N. Duckett** completed her master's degree in ecology at the University of Texas in July—she studied beetle butterfly competition—and has begun her Ph.D. work in systematics at Cornell, where she is studying flea beetles.

Armand Fasano has been living in Los Angeles for three years, and "every now and again I miss Providence weather. I finished my master's degree in biomedical engineering at the University of Southern California and started medical school, also at USC. I bumped into **Jeff Fine** and **Debbie Brown**, who also live in L.A. Small place. I would love to hear from anyone I know from Perkins or anywhere at 3173 Rowena Ave., Apt. #2, Los Angeles 90027."

Marine 1st Lt. William R. Fisher has graduated from The Basic School, located at

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the Marine Corps Development and Education Command at Quantico, Va. As a newly-commissioned officer, he will be assigned to the Fleet Marine Force and given the responsibility of a rifle platoon commander. He joined the Marines in 1983.

Navy Ensign **Tamara J. Hoover** recently completed the Officer Indoctrination School at the Naval Education and Training Center in Newport, R.I. The six-week course prepared her as a commissioned officer for duty in the Naval staff field corresponding to her civilian profession in health care. Tamara joined the Navy Reserves in March.

After graduating with his D.M.D. from the University of Pennsylvania, Dr. **Ryans S. Johnson** moved back to New England with his wife. They are living in Attleboro, Mass. Ryans commutes to Boston daily, where he is pursuing a degree in prosthodontics at the New England Medical Center. He urges fellow Brunonians living in the Boston area to contact him at (617) 226-7637.

Leslie A. Lawler, New York City, is vice president, institutional sales, at Bear Stearns.

Sara Law (see **Theodore F. Low** '49).

Emily Uhry was married to Russell Boon Rhea on July 4 in a garden ceremony at the home of Emily's parents, **Joanna Kellogg Uhry** '59 and **Alfred Uhry** '58, in Morris, Conn. Many Brown alumni were present at the ceremony. Emily and Russell live in New York City.

Robert A. Walsh, Jr., Providence, is a director of the Brown Club of Rhode Island. "Also, after a five-year hiatus," he writes, "I have become political again and am working for the Dukakis campaign as Rhode Island field coordinator. I'm looking forward to seeing everyone at the 5th."

Barbara Weiss (see **Henry W. Kimmell** '82).

84 Tracy Brownell (see **Tony Weisman** '82). After leaving Providence, **Catherine S. Fehrmann** did cell biology/pharmacology research at the Dana Farber Cancer Institute in Boston for two-and-a-half years. She is now in her first year of medical school at the University of Vermont. "And in the interim," she adds, "I trekked around New Mexico and Colorado for four months, backed a 1967 Volvo out there, and drove it back."

Kay Gamo is a medical student at the University of California at Davis. She can be reached at (916) 753-3930.

Karen J. Jubanyik and **Craig E. Moffett** are living in Cambridge, Mass. Craig has begun his M.B.A. at Harvard, and Karen took her MCAT's in September. She is applying to medical schools and working at Beth Israel Hospital in Boston. Their daughter, Samantha, 1, "has boundless energy. We would love to hear from Brown friends in the Boston area at 10 Magazine St., #405, Cambridge 02139."

John (Chip) Keating, Arlington, Va., writes that he has "switched allegiances and am now volunteering on the Mike Dukakis presidential campaign. I am employed as a trade analyst for an international law firm in Washington, D.C., and have recently passed

the second phase of the Foreign Service exam and hope to pass the State Department's background security check. Old friends are asked to keep a low profile should any cloak and dagger types ask probing questions about my college days and political sympathies."

Brenda K. Lindfors is working as a fitness instructor in Austin, Texas. "I would love to hear from any Brunonians in the area," she writes. "My life is also busy with women's soccer, thoughts about grad school, and a possible summer move to San Francisco. **Carole Kine**, **Lise Hafner**, **Lizanne Avon**, **Ellen Clark**, **Brian Caughel**, where are you? I can be reached at 1501 Gaston Ave., Austin 78703-2418. (512) 472-4712."

Marcia Smith (see **Linda Ceperly Smith** '60).

85 Emily Low (see **Theodore F. Low** '49).

Gwendolyn Norris began, in the fall, a two-year, bilingual (English/Spanish) M.B.A. program at the University of Navarra in Barcelona, Spain. She can be contacted at IESE, Au. Pearson 21, 08034, Barcelona, Spain.

Carol Rakatansky received a master's degree in education, policy, and administration from Harvard in June and is a career intern at the U.S. Department of Education in Washington, D.C.

86 Dick Chase has been promoted from media analyst to assistant media planner at HBM/C in Boston.

Karen Dates received her master's degree from the Columbia University Graduate School of Journalism in May. She has moved to Baltimore, where she works as a public relations account executive for an advertising agency. She also freelances for a magazine and a video production service in Baltimore, and a radio show in Washington, D.C.; and is pursuing another master's degree in administrative science at Johns Hopkins University. Karen writes that **Meredithe Berkman** and **Robert Kovackick** also received their master's in journalism from Columbia this year. They are working in New York City.

Andrew Feldman (see **Bee Wattman Miller** '35).

Scott Joy married Judith Bourassa (Bowdoin College '86) on May 23. **Joseph Amadio** was best man. They live in Newburyport, Mass. Scott is employed by Liberty Mutual Insurance Company in Portsmouth, N.H. "I've sworn off drawing smiling vegetables," he adds.

Kevin Leitao and **Kathleen Butler** were married in Stamford, Conn., on Sept. 11. Several class of '86 and '88 friends shared in the celebration. Kevin and Kathleen will be living in Cambridge, England, for the year. In July, they will return to the Connecticut area. Kevin will be attending Yale Law School in 1988.

After working in Sequoia National Park for five months, **Eric A. Sidoti** moved to Boston last December and is employed as

the Boston University sales representative for University Computers.

Morley Stettner announces the opening of his new business, MAS Communications, based in Manhattan. Morley helps professionals sharpen their verbal communication skills. He designs and leads workshops in public speaking, sales training, listening skills, persuasive negotiation, and interoffice motivation. After only five months in New York, his clients include Metropolitan Life Insurance, Prudential Insurance, The Plaza Hotel, and six departments of the city of New York. He lives at 255 West End Ave., 111D. (212) 769-9737.

Christopher M. Weinmann spent a year as a research assistant doing basic research at Brigham and Women's Hospital in Boston. He started medical school at the University of Vermont in August.

87 Shelley Krause writes: "Friends and classmates will be pleased to hear that I am neither homeless nor jobless. Barb and I have set up house—or rather, apartment—in Blackwood, N.J., just over the Walt Whitman Bridge from Philadelphia. I am employed as an admissions officer for Penn. I recently ran my first group information session and came frighteningly close to saying, 'Good afternoon and welcome to Brown.' The adjustment will take some time. Meanwhile, Barb and I have decided that we want to run a bed and breakfast place someday, and we're practicing now, having already hosted two Brownies. The new address is Countryside Apt. U-31, Blackwood 08012. And I really am trying to write back, despite evidence to the contrary."

Carrie F. Thompson is a sales assistant in the government bond department of Union Bank of Switzerland in New York City.

GS Herman Chernoff '48 Ph.D. received the Wilks Award from the American Statistical Association at the annual meeting in San Francisco in August. The citation read: "For outstanding research in large sample theory and sequential analysis, for extensive service to scholarly societies and on government panels, for effectiveness and popularity as a teacher, and for continuing impact on the theory of statistics and its applications in diverse disciplines." Professor Chernoff teaches at Harvard and lives in Cambridge, Mass.

Benjamin Chinitz '51 A.M. has resigned as dean of the University of Lowell's (Mass.) College of Management Science after five years. Last winter the college was accredited by the American Assembly of Collegiate Schools of Business. Chinitz, who is a tenured professor of economics at the university, has taken a one-year leave to serve as director of research at the Lincoln Institute of Land Policy in Cambridge, Mass.

Joseph Boisse '65 A.M., university librarian at the University of California at Santa Barbara, has been elected vice president and president-elect of the Association of College and Research Libraries. After

serving a year as vice president, he will assume the presidency next July. Boisse has been at UCSB since 1983. During his tenure, the library has acquired several primary archival and manuscript collections of major importance to scholars in the humanities and sciences.

R. Alan Kimbrough '66 A.M., '74 Ph.D. has begun a one-year appointment as organist and choirmaster at Christ Episcopal Church in Dayton, Ohio.

Nathan I. Nahm '67 A.M. has joined the New York City law firm of Willkie Farr and Gallagher as an associate specializing in tax law. He was formerly associated with Skadden, Arps, Slate, Meagher and Flom. Nahm lives in Chappaqua, N.Y.

Dennis G. Weis '71 Ph.D. has been promoted to full professor of mathematics at United States International University (USIU) in San Diego, Calif. "It's difficult to believe I've been away from Brown this long," he writes. "Our two sons, Adam and Aaron, are now six and they are attending first grade. My wife, **Martha Awdziejewicz** '69 A.M., '75 Ph.D., is still working part-time as a linguist for a computer translation firm called LATSEC in La Jolla."

Francis Blessington '72 Ph.D., '73 A.M., professor of English at Northeastern University in Boston, is the author of a collection of poems, *Lantskip*, published by William I. Bauhan, Dublin, N.H. This is the first book of poems by Blessington, who has been widely published in magazines and periodicals. The title, taken from the old Dutch word for landscape, means, literally, "land ship." Blessington writes, "The word suggested not only a view of the contours of places, but also of people, of ideas, of feelings. 'Land ship' implies both space and time, while 'lantskip' includes the presence of the past."

The University of Illinois Press has published *Rule Out the Wilderness: Geography and Identity in Afro-American Literature*, by **Melvin Dixon** '73 A.M., '75 Ph.D., professor of English at Queens College and the Graduate Center, the City University of New York. Dixon, a 1984 recipient of a National Endowment for the Arts fellowship, is the author of a collection of poetry, *Changing Territory*, and the translator of Genevieve Fabre's *Drumbeats, Masks, and Metaphor: Contemporary Afro-American Theatre*. According to the book jacket, Dixon shows, in *Rule Out the Wilderness*, "how three principal figures of the land—the wilderness, the underground, and the mountaintop—have become places of refuge and cultural revitalization for the performance of identity, from early slave songs and fugitive narratives to modern and contemporary fiction."

Donald M. Bernhard '74 A.M. and his wife, Arlene, announce the birth of their first child, Spencer Miles, on April 14. Don has been the community development director for the city of Allentown, Pa., for the past six years. He is also serving as vice chairman of the Lehigh Valley Solid Waste Authority, which is in the process of developing a resource recovery plant for the region. Don and his family live in Allentown.

Jananne Kay Phillips '76 A.M. has been promoted to instructor in sociology at Bowdoin College in Brunswick, Maine.

Michael A. Toman '77 Sc.M. and his wife, Deta S. Davis, announce the birth on June 16 of their first child, Julia Cummins Davis Toman. Michael is a fellow at Resources for the Future in Washington, D.C., and Deta is a senior music cataloger at the Library of Congress. They live in Bethesda, Md.

Christina L. Zwarg '81 Ph.D. has been appointed assistant professor of English at Haverford College in Haverford, Pa. A Mellon Fellow at Harvard from 1986-1987, she also has taught at Yale, Reed College, and Kenyon College, and is working on a book on Margaret Fuller and Ralph Waldo Emerson.

John R. Sawyer '83 A.M. is a curator of twentieth-century art at Munson-Williams-Proctor Institute in Utica, N.Y.

Wolfgang Heidug '85 Ph.D. and his wife, Jane, have a new address: 13 Wendover Rd., Staines Middlesex, TW18 3DE, United Kingdom.

MD Jonathan L. Elion '75 M.D. (sec '72).

Stephen J. Margulis '81 M.D. (sec '78).

John Van Deren '83 M.D. (sec '80).

Mary Frates '85 M.D. (sec '81).

OBITUARIES

Malcolm Wright Burnham '17, Oak Bluffs, Mass.; April 9. He was associated with the textile industry in New England and North Carolina for forty years, and was a veteran of World War I. A summer resident of Martha's Vineyard for many years, Mr. Burnham had been a year-round resident for fourteen years. He is survived by his daughter, **Grace Burnham Evans** '51, of Oriental, N.C.

Harold Chester Mills '21, Richmond, Ind.; July 2. Prior to his retirement, he was owner and president of Harriet's Inc., a women's specialty clothing store in Richmond. An active civic leader, he was a long-time member of the Lions Club, serving as president for several years, and was a board member of the Salvation Army for twenty years. Mr. Mills also was a member of the Richmond School Board. He is survived by three children, including **Walter** '51, 162 Partridge Rd., Pittsfield, Mass. 01201.

Ida Rubinstein '23, '25 A.M., Providence; May 20. She was a senior personnel technician in the examining division of civil service in the Rhode Island area until retir-

ing in 1971. She was born in Lithuania and was a member of the Women's Association of the Jewish Home for the Aged and the Providence Hebrew Day School. Survivors include a sister, **Bella Rubinstein** '23, 22 Vassar Ave., Providence 02906.

Robert McKinley Bent '24, Naples, Fla.; May 6. He was chairman of the board, chief executive officer, and treasurer of the MRM Division, Ecodyne Corporation, of Massillon, Ohio, a manufacturer of air-cooled heat exchangers, when he retired in 1973. He had been with the firm since 1963. He is survived by his wife, Edith, 1708 Gulf Shore Blvd #1, Naples 33940; a daughter; and a son, **Robert** '62.

The Rev. **Gordon Edward Bigelow** '24, Portland, Maine; June 13. During his fifty years in the ministry, he served at the Baptist Temple in Philadelphia, Judson Memorial Church and Trinity Church in New York City, and Trinity Baptist Church in Arlington, Mass., as well as other churches in Massachusetts and Ohio, and the Henderson Memorial Baptist Church in Farmington, Maine. During his career, he baptized more than 1,500, married 400 couples, and served more than 1,000 funerals. He gave the baccalaureate address at Brown in 1953, conducted vespers services aboard the *Queen Elizabeth II* en route to the Baptist World College in Copenhagen, Denmark, and preached at Marble Collegiate Church in New York City during Norman Vincent Peale's absence. A number of Rev. Bigelow's sermons have appeared in print, including "I Sat Where They Sat" and "Portraits of God." He received his divinity degree from Crozer Theological Seminary and an honorary doctor of divinity degree from Brown in 1954. Phi Beta Kappa. Among his survivors are his wife, Elizabeth, 125 Danforth St., Apt. #124, Portland 04101; a son, **Gordon S. Bigelow** '54; two daughters; and seven grandchildren, including **Gordon** '85.

Richard William Horsefield '24, Whippany, N.J.; Aug. 15. For many years he was employed by the New Jersey Bell Telephone Company in Morristown, N.J. Information regarding survivors is unavailable.

William McNeil '24 A.M., San Marcos, Texas; Jan. 14. He taught Bible at San Marcos Baptist Academy from 1924 to 1964 and was the retired pastor of four small Baptist churches at Lytle, Blanco, Clearfork, and Henly, Texas. He is survived by his wife, Lora, 522 Academy St., San Marcos 78666.

Benjamin J. Winicour '25, East Providence, R.I.; June 1. He was a liquor control legal advisor for the state of Rhode Island for thirty years before retiring. A graduate of Boston University Law School, he was past president and secretary of Temple Beth Shalom. He is survived by his wife, Shirley, Four Seasons East, 17 Church St., Apt. 6, East Providence 02914; two sons; and a daughter, **Selena Winicour Barron** '57.

Frank Anzivivo '26, Providence; July

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11. For twenty-three years, before retiring in 1973, he was comptroller for the Kenyon Piece Dye Works in Charlestown, R.I. Born in Stonara, Italy, he had lived in Providence since 1914. He is survived by his wife, Adele, 29 Nelson St., Providence 02908; and two sons, including Frank, Jr. '54.

Marjorie Whitcomb Sallie '27, Royal Oak, Mich.; Oct. 19, 1986. After receiving her A.M. from Smith, she taught at a number of private girls' schools before becoming headmistress of St. Paul's School in Walla Walla, Wash., and then the Bloomfield Country Day School in Birmingham, Mich., for thirteen years. After her retirement in 1973, she continued to teach as a volunteer in inner-city Detroit schools as well as nursing homes and churches. Miss Sallie received many awards for community service, including the Distinguished Woman Award from the Northwood Institute. She is survived by her brother, Frank, whose address is unknown.

Ralph Carlyle Taylor '27, '32 A.M., Wenham, Mass., a retired professor; Nov. 15, 1986. He was an assistant professor of English from 1939 to 1945 at Norwich University, Northfield, Vt.; dean and director of admissions for Worcester (Mass.) Junior College from 1945 to 1947; head of the English department for the U.S. Military Academy Preparatory School for West Point from 1947 to 1952; superintendent of the Colorado Military Academy in Denver from 1952 to 1954; director of admissions at Endicott College, Beverly, Mass., from 1956 to 1962; and a professor of English at North Shore Community College in Beverly from 1966 to 1974, when he retired. Survivors include a daughter and a son, Robert, of Melrose, Mass.

Helen Sutcliffe Whitcomb '27, Middleboro, Mass.; Feb. 14. Among many civic activities, she was a trustee of the Middleboro Public Library, a member of the board of directors of the Plymouth Bay Girl Scouts, and a member of St. Luke's Hospital Club and the Massachusetts Audubon Society. She is survived by two daughters, including Helen, 28 Pierce St., Middleboro 02346; and a sister, Ruth Sutcliffe Adams '32.

Frederic Root Knipe '28, North Andover, Mass.; April 30. An investment and financial counselor for many years, he was affiliated, early in his career, with several Boston brokerage firms and financial agencies. He was also an owner of Knight Brothers Shoe Company in Haverhill. Active in Republican politics and Groveland town affairs, Mr. Knipe was town assessor and town accountant for several years. He was chairman of the Haverhill Republican City Committee from 1935 to 1937. Survivors include a daughter, Elizabeth G. Knipe, Superior St., Colorado Springs, Colo. 80904; and a brother, William '26.

John Galloway '29, Dartmouth, Mass.; June 13. He worked for the New Bedford Gas and Edison Light Company for forty-six

years, first in the house heating and commercial gas division and later as a lighting engineer, until retiring in 1972. Survivors include a daughter and his wife, Priscilla, 377 Slocum Rd., Dartmouth 02747.

Florence E. Larson '29, Oak Bluffs, Mass.; July 10. She taught French, Latin, and ancient history at the Joseph Jenks Junior High School in Pawtucket, R.I., until 1969. She is survived by her sister, Irene Larson, Box 1445, Oak Bluffs 02557.

William Arnold McKeen '29, Pittsburgh, Pa.; Aug. 12. He was chief metallurgist for Fifth Sterling Steel & Carbide Corporation in Pittsburgh. He is survived by his wife, Leona, 3332 Walther Ln., Pittsburgh 15241.

Ernest Basil Hoyt '31 Sc.M., Syracuse, N.Y.; April 21. He received his Ph.D. from Cornell in 1939 and was a senior research chemist with the Solvay Process Division of Allied Chemical in Syracuse. He is survived by his wife, at 1204 West High Terr., Syracuse 13219.

Isabel Andrew Kelly '31, Hohokus, N.J.; Aug. 23. She is survived by her husband, Joseph, 408 Enos Pl., Hohokus 07423; and her sister, Mary Andrew Hillman '31.

George Patrick Gillespie '32, Nemsburg, N.Y.; Feb. 2. He was the head of chain store sales for Abaco Fabrics Corporation of New York City. He is survived by his wife, at P.O. Box 524, Nemsburg 11960.

Huntington Hanchett '32, Providence, a business consultant; Sept. 19. He is survived by his brother, Mather '26, 111-B North Broadway, Apt. 303, Rumford, R.I. 02916.

Alan Joseph Miller '34, Providence, a partner in I. Miller & Sons, a Pawtucket, R.I., textile manufacturer, until retiring eight years ago; Sept. 11. An Army veteran of World War II, he was a member of Temple Beth-El and a former member of the board of directors of its brotherhood. He is survived by his wife, Elsie, 182 Laurel Ave., Providence 02906; a daughter, Carol S. Miller '74; a son; and a sister, Rose Miller Roitman '32.

Vincent Frank Hnizda '35 Ph.D., Huntington Woods, Mich.; Sept. 22. He worked as a research scientist at Ethyl Corporation in Detroit for thirty years until his retirement in 1968. He also taught glass blowing at Wayne State University from 1935 to 1967 and chemical analysis at Lawrence Institute of Technology in Southfield from 1968 to 1969. Mr. Hnizda was a charter member of the Huntington Woods Troop 1292, Boy Scouts of America, from 1954 to 1986, and was a fifty-year member of the American Chemical Society. Survivors include two daughters, two sons, and his wife, Elsie, 13328 Kingston, Huntington Woods 48070.

Dr. Robert Reynolds Williams '35, Lusby, Md., a retired physician who practiced internal medicine with a specialization in occupational medicine and immunology; July 30, in an automobile accident. He received his M.D. from Columbia in 1940. He is survived by his wife, Margaret, P.O. Box 268, Preston Point Rd., Lusby 20657.

Ruth F. Levy '36, East Providence, R.I.; Sept. 14. She was the first and only woman president in the history of Big Brothers of Rhode Island, when she was elected in 1977 after serving twenty-two years on the board of directors. She earlier had received the organization's outstanding service award. For several years before retiring in 1978, she was on the administrative staff of the Institute of Mental Health. Previously, she had been a psychiatric social worker at the former Charles V. Chapin Hospital from 1943 to 1972. Miss Levy was a board member of the Visiting Nursing Association of Rhode Island, the Renal Institute of Rhode Island, Hospice Care, and the League of Women Voters. She is survived by a brother, Walter H. Levy '34, 256 Lake Shore Dr., Warwick, R.I. 02916.

Amy Niles Glazier '36 A.M., Bennington, Vt., March 19. A graduate of Middlebury College, she was a poet and a teacher of writing for many years. Her ode, "Christa McAuliffe," was read as part of the dedication of a memorial to the teacher/astronaut in Albany, N.Y. The original copy of the poem hangs in the entrance to the Albany offices of the New York State Retired Teachers Association. She is survived by three daughters and her husband, Lyle, RFD #2, Bennington 05201.

Robert Lusk Lincoln '38, Merrimack, N.H.; Aug. 17. He retired in 1985 as comptroller of Maine Manufacturing Company in Nashua, N.H. Before that, he was treasurer of Northeast Electronics Corporation in Concord. He was a director and incorporator of the Concord Savings Bank, a director of the Hosmer Machine Company in Contoosook, and a board member of the Nashua chapter of the American Red Cross. During World War II, he served as a lieutenant (j.g.) with the Coast Guard in the South Pacific. Lambda Chi Alpha. Survivors include his wife, Joan, 72 Peaslee Rd., Merrimack 03254; two sons; a daughter; and a brother, Lawrence '50.

John Montgomery '38, Wethersfield, Conn.; April 21. Joining The Travelers Insurance Company after graduation, he served in a number of positions for forty-two years, retiring in 1980 as second vice president. He then received a master's degree in organizational behavior from the University of Hartford and began a second career as senior vice president of People Management, Inc., of Simsbury. He was a lieutenant (j.g.) in the Navy. In 1987, he received the Junior Achievement Silver Leadership Award. He is survived by his wife, Elizabeth, 107 Boulder Rd., Wethersfield 06109; and three children, including

Judith Montgomery Kiley '64 and **John III** '67.

Donald Philip Steele '38 Gloucester, Mass., a U.S. postal service executive; June 16. He was appointed a postal worker in Gloucester in 1947 and served in that position until 1961. In April of that year, he was appointed by President John F. Kennedy as the New England regional director of the U.S. Postal Service. He retired in 1969. Mr. Steele was a disabled World War II Army veteran and the first post commander of the Amvets post in Gloucester. From 1950 to 1962, he served on the Gloucester School Committee and, from 1946 to 1948, he was a ward commissioner of that city. He was a director of the Friends of the Kennedy Library. A football player at Brown, he was the former assistant coach for the Gloucester High School team. Survivors include three daughters, two sons, and his wife, Ida, Rocky Pasture Rd., Gloucester 01930.

George Gould Going, Jr. '39, Lantana, Fla.; Jan. 13, 1986. He was a salesman with the Northeastern Steel Corporation in Bridgeport, Conn., before moving to Florida, where he retired in 1983 after twenty years with the Palm Beach County School Board. During World War II, he was an Army sergeant assigned to the medical corps and served forty-four months in the Pacific aboard hospital ships. Survivors include a daughter, two sons, and his wife, Louise, 205 East Palm St., Lantana 33462.

Arthur George Williams, Jr. '39, Madison, Conn., a retired judge; Oct. 22, 1986. Information regarding survivors is incomplete.

George Edward Teehan '40, Kittery, Maine; Aug. 2. He served as a Navy lieutenant in the Pacific Theater during World War II. After the war, he taught military subjects and for many years was a staff member of the University of New Hampshire. He is survived by two cousins in New Brunswick, Canada.

Irving Twomey '40, East Orleans, Mass.; Aug. 10. He served in the Army Air Force from 1942 to 1946, first teaching meteorology at New York University, then serving at a weather station in Greenland. He later did meteorological research at Sea Girt, N.J., for which he received a special citation. In 1946, he joined the research division of United Technologies in East Hartford, Conn., retiring in 1977 as manager of research facilities. Phi Beta Kappa. He is survived by three daughters and his wife, **Anita Chase Twomey** '42, Box 1146, East Orleans 02643.

Raymond E. Blomstedt '42, Kennett Square, Pa.; July 19. After receiving his law degree from the University of Chicago in 1949, he was employed by the Hercules Powder Company. In 1956, he joined the DuPont Company as a patent attorney, a position he held until his retirement in 1984. In his last major assignment, he led the team

of attorneys that established worldwide licensing rights to DuPont's ubiquitous PET (plastic) bottle. Mr. Blomstedt was a Navy aviator in World War II. At Brown, he was a member of the golf and ice hockey teams. Survivors include his wife, of Hockessin, Del.; two daughters; and two sons, including **Edward** '69, 740 Isaac Taylor Dr., West Chester, Pa. 19382.

Dr. William Murray Pfeifer '42, Mequon, Wis.; Sept. 2. A surgeon, he also specialized in geriatrics and was the medical director of the Marion Catholic Home, a 360-bed nursing facility in Milwaukee. He earned his medical degree from Marquette Medical School in 1945. He is survived by his wife, **Helen Armbrust Pfeifer** '43, 937 Shaker Cir., 98 N., Mequon 53092.

Marjory Brown Klausner '43, Litchfield Park, Ariz.; July 25. She taught in elementary schools in Chappaqua, N.Y., for two decades before retiring and moving to Arizona. She is survived by four sons; her husband, Burt, 148 Campina Dr., Litchfield Park 85340; and two sisters, **Betty Brown** '44 and **Nancy Brown Rubin** '47.

Theodore Calvin Wilbar '44, McLean, Va., founder and president of Wilbar Truck Equipment, Inc., in Springfield, Va.; July 16. After the war, he was a salesman for Brockway Trucks and White Motor Company in Pittsburgh, Pa., and Arlington, Va. He left White to found the Wilbar Company in Arlington in 1957. He also owned Wilbar Tractors, which is now Wilbar and Arnold, Inc. Mr. Wilbar was a board member of the National Truck Equipment Association and a member of the D.C. Area Trucking Association and the Truck Body and Equipment Association. During World War II, he served as assistant navigator on the *USS Houston*, which was torpedoed twice while in the Pacific. He received a letter of commendation for his heroism and later became a Navy aviator. He is survived by a son, a daughter, and his wife, **Kathleen**, 8454 Brook Rd., McLean 22101.

Gloria Kempenaar Bacon '46, Newport, R.I.; March 20. She was a teacher at the former Miss Collings School in Newport. Survivors include two daughters and a son, Christopher, of Newport.

Edward Payson Blanchard '46, Stamford, Conn.; June 22. He was an advertising director with *Aviation Week* magazine for fifteen years, then with *Forbes*, and later became publisher of the *American Institute of Astronautics and Aeronautics Bulletin*. He is survived by three children, two stepchildren, and his wife, Barbara, P.O. Box 7, Green Farms, Conn. 06436.

John Waldemar Wydler '46, Garden City, N.Y., former Congressman from Nassau County; Aug. 4, of an apparent heart attack. A Republican, he was at one time dean of the Long Island Congressional delegation, elected to Congress in 1963 and retired in 1980. Mr. Wydler had been the

ranking Republican on the House Science and Technology Committee and was a member of the Government Operations Committee. After he retired from his seat in the 5th District, he remained active in Long Island politics. He was stricken while in the Washington, D.C., offices of U.S. Representative Norman F. Lent, watching the televised House debate on a Nuclear Regulatory Commission bill affecting the Shoreham nuclear power plant in New York. He is survived by his wife, Brenda, 63 First St., Garden City 11530; a son; and two daughters, including **Kathleen** '87.

John Alden Washburn '47, a Middleboro, Mass., civic leader; March 10. A former selectman, he served on many town boards and committees, including the board of selectmen and the business and industrial commission, and was a founding member of the Cable Advisory Committee. He served most recently as chairman of the board of trustees of St. Luke's Hospital, New Bedford, Mass., and was the first chairman of the hospital's development committee, which in its five years of existence raised more than \$500,000. Mr. Washburn's hardware business, C.P. Washburn Company, was founded in 1634 as a grain mill and is the oldest continuously running business in the country. He served in the Navy during World War II. In addition to his wife, Bette, 62 Bourne St., Middleboro 02346, he is survived by a daughter.

Joan F. Hartop '49, East Rockaway, N.Y.; May 9, 1986. She was a teacher in the East Rockaway public school system. There is no information available regarding survivors.

Lt. Col. John Stephen Martin '49, USA (Ret.), Newport, R.I.; Aug. 4. He was a gunnery specialist in the Navy during World War II and a first lieutenant in the Army during the Korean War. He retired in 1967. As a civilian, Mr. Martin had been a management analyst at the Naval Construction Battalion Center, Davisville, R.I., and later housing manager at the former Quonset Point Naval Air Station in North Kingstown, R.I. Survivors include four children and his wife, Dorothy, 1 Green Ln., Newport 02840.

Frederick Paul Grady '50, North Providence, R.I., widely-known disc jockey for various radio stations in Rhode Island and Massachusetts for fifty years before retiring in 1982; Aug. 3. At the height of his career, Fred Grady was the most important and influential jazz disc jockey in the state, playing music from his own collection of 6,000 albums. He was known as "The Encyclopedia of Jazz" and for several years was master of ceremonies at the Newport Jazz Festival. He was an Army lieutenant in World War II and an honorary member of the Rhode Island Musicians Union. He is survived by several nieces and nephews.

John Cromwell Barton '51, Western Springs, Ill.; July 1. A retired major in the Marine Corps Reserve, he was an engineer-

ing salesman for Warner & Swazey Company in Chicago. He served with the Marine Corps in Korea and then attended the University of Rhode Island. Among his survivors are two children, Michael and Emily, who live with his former wife at 80 Bassford St., La Grange, Ill. 60525.

Raymond Lewis Scungio '52 A.M., '61 Ph.D., Newport, R.I.; Oct. 2, 1986. For eight years, he had worked as a librarian at the Newport Library. Previously, he had been a department head at the Institute of Far Eastern Languages at Yale. He also lectured in the Eastern Asian languages for the Air Force while at Yale and wrote textbooks and did editorial work. Mr. Scungio taught Spanish at Brown from 1951 to 1955 and did additional study at Yale in Spanish literature in 1957 and 1958. During World War II, he served in the Navy. He is survived by his brother, Gerald, 185 Curtis Corners, Cranston, R.I. 02910.

Barbara Payne Webb '54, Westport, Conn.; Nov. 11, 1986. A resident of Westport since 1967, she was a member of the Republican Women's Club and Republican Town Committee of Westport. Survivors include a daughter, a son, and her husband, **Richard** '53, 1 Compo Beach Rd., Westport 06880.

Judith Karelitz '55, New York City; June 20. She was a New York artist and designer. Several of her patented kaleidoscopes—called karescopes—were commissioned by the Museum of Modern Art and The Smithsonian. Ms. Karelitz's karescopes used polarized light and a light-refracting transparent prism to provide the patterns, instead of the traditional method of using bits of colored glass floating in liquid. She had a master's degree in early childhood education from Bank Street College and was also a nature photographer. She is survived by her sister, Susan Ginsburg, 40 East 83rd St., New York 10028.

Caroline Nestman Peck '58 Ph.D., Pawtucket, R.I.; Sept. 9. She received her undergraduate and master's degrees from the University of Chicago. She is survived by her husband, Russell, 17 Marbury Ave., Pawtucket 02906, a member of the physics faculty at Brown.

Peter Spelman Prentice '61, Sebastopol, Calif.; Feb. 21, after being shot, allegedly by his wife during a domestic dispute. He was interested in the natural sciences and microbiology and maintained a laboratory and an elaborate photography studio in his home. He had also played bass guitar in a Marin County band for a number of years and painted as a hobby. He is survived by a daughter and his wife, Andrea, 3967 Bones Rd., Sebastopol 95472.

Peter Frederic Thorbahn '66, Barnstable, Mass., former assistant professor of anthropology at Brown; Aug. 31, of an apparent heart attack. He taught at Brown from 1977 to 1982 and was principal inves-

tigator for the Public Archeology Laboratory before moving to Cape Cod. While in Rhode Island, he supervised digs in Narragansett, East Providence, and an area of Taunton and Norton in nearby Massachusetts, where Route 495 was to be built, which revealed evidence of Indian villages and camp sites thousands of years old. He was president of the Great House Foundation and of Hammerway Research Ltd., both in Barnstable, and a member of the South Barnstable Historical Commission, the American Anthropological Association, and the Massachusetts Archeological Society, Inc. Mr. Thorbahn was an Army veteran of the Vietnam War, served in Africa with the Army Security Agency, and was a fullback on the Brown football team. Survivors include his wife, Barbara, of Barnstable.

The Rev. David Graham Mathieson '68, San Francisco, Calif.; May 7. After graduating from Andover Newton Theological Seminary, he served as an associate pastor at churches in Acton and Saugus, Mass. He moved to California in 1976 and attended the University of California at Berkeley. At the time of his death, he was on leave from Friends Outside, San Francisco, where he directed the service agency's Reprographics Training Program. Survivors include his mother, Ruby Mathieson, 62 Sanchea, San Francisco 94114.

Dr. Richard Neil Schmidt '69, Shaker Heights, Ohio; exact date of death unknown, of a heart attack while jogging. He graduated from Case Western Reserve School of Medicine with an M.D. and a Ph.D. in biostatistics and then did his internship at Mount Sinai Hospital, Cleveland, in medicine, immunopathology, and psychiatry. At the time of his death, he was medical director of The Cleveland Treatment Center, a methadone clinic. He is survived by two children and his wife, Susan, 24035 Wimbledon Rd., Shaker Heights 44122.

EMS

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utes. The EMT's did that 600 times last year.

"Our whole reason for being," says Kleinman, "is to provide the Brown community with rapidly available resources that meet the special needs of the community. We don't have a lot of elderly patients, but we do have an injury-prone population—as well as a college age population prone to the things you'd expect. Since we have been able to transport patients—now that we have an ambulance as opposed to merely a response vehicle—we pervade the community as well."

According to the director of the emergency department at Rhode Island Hospital, it's a welcome pervasion. "There are some 15,000 rescue runs in

the city of Providence every year," says Dr. Robert Woolard. "And there are three rescue trucks, which can handle about 12,000 a year. The slack gets picked up by Brown EMS and other municipal rescue units. If Brown didn't have its own service, there would be tremendous delays on some of these calls. Given the size of the Brown campus, and the dependents served by the Brown EMS, they really couldn't be replaced by municipal service."

"It used to be that the city service would be called for ordinary transportation [to the hospital]," Dr. Hoffman recalls. "That's like using a city ambulance for taxi service. They always responded, but the problem was that it took them away from a broader population that needed to be served. Now, the city will often call us to respond to a situation if it's within Brown's perimeter. I think there's a definite need for this service. Our presence on campus is visible, and people feel better at campus events knowing we're there."

The Brown squad handles the same number of calls per year as a small community—say the size of Bristol or Warren, Rhode Island. "What Brown has is akin to any all-volunteer rescue service," says Dr. Woolard. "And it's one of the best in the state. These students are really making an invaluable contribution to the community."

Quality assurance is an issue with an all-volunteer group, and Kleinman runs a tough operation. He reviews all cases and passes them on to Dr. Hoffman, who also reviews them. If they are not satisfied with the quality of care a patient received, the EMT will be brought in and the case will be thoroughly discussed.

"All the Brown EMT's have taken the national exam," Hoffman explains, "and we've had a 100-percent passing rate."

"By law, we're only required to have one EMT per shift," Kleinman says. "But in practice, we have three EMT's riding at all time. We are very conservative and cautious about our work. If it's possible to be *too* cautious in this line of work, I'd say we were."

Who are these people willing to give up entire Friday and Saturday nights—from 5 p.m. to 8 a.m. the following morning—to insure that the campus is covered?

"About half of them are pre-meds, or motivated by an interest in health care," Kleinman says. "This work is a good way to flesh out the theoretical

stuff with patients. It involves a lot of clinical contact."

Although most of the calls do not involve life-threatening situations, the EMT's are responsible for at least one life being saved. Several years ago a Brown student had an allergic reaction to food and went into anaphylactic shock. "Without a quick rescue response on the part of Brown EMT's, he might have expired," Dr. Woodard says.

"Some people make fun of us when they see us riding around in the ambulance," says one EMT. "But the people we treat are incredibly grateful to us. That makes it worthwhile."

SPORTS

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39-yard field goal early in the second quarter gave the Bruins their seven-point bulge.

The Bruins opened the season as they did in 1986, with victories over Yale, Rhode Island, and Princeton. As Rosenberg had indicated (BAM, September), those victories were hammered out on the ground and with the defense playing a crucial role.

Against Yale, the defense hounded the Eli into six turnovers—four fumbles and two interceptions—while Kos kicked three field goals. Brown's touchdown came midway through the second quarter when Donovan ran four yards on a fourth-down play. A two-point conversion toss from Donovan to Simone made the score 14-0.

A strong defensive effort against Rhode Island preserved an exciting 17-15 win for the Bruins the following Saturday at Brown Stadium. In the fourth quarter, Brown faced three Ram attacks inside the 10-yard line. URI scored once, but a blitz stopped the Ram quarterback on a two-point conversion attempt that would have tied the game. Donovan threw a 31-yard touchdown pass to John Shapiro '88 for Brown's first score in the first quarter. A 30-yard field goal by Kos made the score 10-7 in favor of Brown at the half. The Bruins' second touchdown, a one-yard run by Lane Wood '88, was set up by a 34-yard scamper by Donovan.

Then, for the second week in a row, the Bruin defense rose up to thwart Princeton, and hand the Tigers their first loss of the season. With a little more than a minute to play, Princeton had the ball on the seven-yard line. A sack by George Reilly moved the ball

back to the seventeen, but a subsequent completion moved the ball to the three. With Scott McCaleb guarding him closely on fourth down, Princeton's All-Ivy split end Jeff Baker slipped and the pass intended for him sailed harmlessly out of reach. Brown was paced by the rushing of Kirk Little '88 (127 yards on 27 carries), who scored the Bruins' only TD. Kos kicked field goals of 33 and 44 yards to round out the scoring.

Thirteen join Hall of Fame

At its annual dinner on Friday, October 30, the Brown Athletic Hall of Fame inducted thirteen athletes who distinguished themselves in college competition. Those honored were:

Football: John Anderson, head football coach at Brown from 1973 to 1983, who posted the best winning percentage at Brown since 1950, including leading the Bruins to a 1976 Ivy League co-championship.

Peter Beatrice '75, voted All-New England by the *Boston Herald-American* his senior year. Beatrice holds the record for having the highest career passing yardage (3,015 yards) and for single-season completions.

Steve Jordan '82 (BAM, September), a tight end who was first-team All-Ivy and first-team All-New England his senior year, and who was drafted by the Minnesota Vikings in the seventh round when he graduated.

William Kairit '75, first-team All-ECAC and first-team All-Ivy his senior year. He was awarded the War Memorial Trophy for being the player who contributed the most to Brown football. Kairit played nose tackle his senior year, after being a tight end his first three seasons.

Wrestling: Frank O. Walsh, Jr. '72, who was co-captain of both the wrestling and football teams his senior year. Walsh finished first in the NCAA District One Tournament his junior year, but missed the first four meets of his senior year due to an eye injury. He was first-team All-Ivy in football his junior year, and second-team All-Ivy his senior year.

Ice Hockey: Amy Crafts '82, Ivy Player of the Year in 1980-81 and first-team All-Ivy all four years she played at Brown. Crafts, who is head coach for women's lacrosse at Earlham College, also played field hockey all four years, and was named first-team All-Ivy in 1981.

Albert Gubbins '52, who was sec-

ond-team All-Ivy and second-team All-NCAA Tournament his senior year. Gubbins was freshman hockey captain and senior co-captain. He also has the distinction of receiving only one penalty in four years.

Mark Holden '80, first-team All-American and All-Ivy his senior year. Holden played for the Montreal Canadiens and the Winnipeg Jets following a Brown career that was highlighted by a game against Clarkson in which he had 48 saves, and a game against Yale in which he had 51 saves.

Track: Antone G. Singsen '38, who entered four IC4A meets and medaled in each: a fourth and fifth indoors and a third and fourth outdoors. As a freshman, Singsen set and broke his own broad jump record three times, and was high point man in four of four outdoor meets. In three New England Intercollegiate meet appearances, he finished first twice and sixth once, the last while injured.

Cross Country/Track: Joshua A. Tobey '50, the best Bruin harrier throughout his Brown career. He never finished worse than third in a dual meet, winning eight races in his career. At the New England Championships, he placed forty-fifth as a freshman, sixth as a sophomore, eighth as a junior, and third as a senior. At the NEAAU Championships, Tobey won the mile run as a sophomore, and was third as a junior.

Soccer: Ferdinand Treusacher '74, the tenth highest all-time scorer at Brown, even though, as a junior transfer student, he played only two seasons for Brown. He was first-team All-American and All-Ivy his senior year, when Brown was first in the Ivy League. His junior year, Treusacher was a member of the New England Championship Team. In 1974 he was drafted in the third round by Boston in the North American Soccer League.

Lacrosse: William Ohlsen '78, All-American his junior and senior years, and first-team All-Ivy his junior year. Ohlsen played in the North-South game as a senior, and is currently tied for seventeenth all-time leading Brown scorer.

Swimming: Lori Pride Entwistle '82, four-time All-Ivy swimmer. Her freshman year, she was the Ivy champ in the 100- and 200-yard butterfly. She was a four-time All-Ivy outstanding butterfly and backstroke swimmer, and All-East selection three times. She was one of three captains of the team her senior year.

ON STAGE

Sans Bloomers, Phys. Ed. Blossoms

Get to registration *early*," a co-worker advised. No problem: Students are notoriously late sleepers, so if I got to Sayles Gym by 7:45 a.m., I reasoned, I could sign up for aerobics in mere minutes.

Just how wrong I was became apparent the minute I pushed open the heavy old door on Cushing Street at precisely 7:41 the next morning. There were students milling in the foyer, peering at mimeographed course listings. A young man with a puppy on a leash was talking with physical education coordinator Janet Lutz, who broke the conversation off frequently to act as traffic cop: "Tuesday-Thursday noon aerobics? To the left."

Inside the gymnasium itself were many more students, as well as staff members and faculty—hundreds in all. I realized—fanning in long, serpentine lines from clusters of tables staffed by student registrars. It dawned on me: Very possibly I might not get into my aerobics class; most assuredly I would be here much longer than a few minutes.

Luckily, I left Sayles Gym some thirty minutes later with my registration receipt in hand. Others, less fortunate, had to settle for a spot on one of several waiting lists.

The mob scene in Sayles impressed me. I could understand desk-bound faculty and staff members signing up for conditioning classes at little or no cost. But I had to wonder about the students. Granted, students have been known to camp outside the List Art Building to sign up for spaces in Art 10, or on the steps of Pembroke Hall to register for interviews with corporate recruiters. But lining up at 7 a.m. for gym classes? As one who had been required to take phys. ed. my freshman year, I marveled at a new generation's enthusiasm.

In 1969, we Pembroke grumbled about our three-year physical education requirement. (Brown men had a one-year requirement.) We groaned about our baggy white gym outfits, and grit-



JOHN FORKAST

ted our teeth during the taking of the hated "posture pictures" (full-length photographs of us in our underwear). We dutifully signed up for tennis, volleyball, swimming, and gymnastics. Despite the grumbling, I remember some pleasant surprises: The polished twin alleys in the basement of Sayles Gym, where I bowled candlepins for the first time in my life (the lanes are still there, used for recreation); the time I finally hit a decent backhand shot on the lower Aldrich-Dexter tennis courts, under Arlene Gorton's ('52) tutelage.

Required phys. ed. was phased out around that time, in keeping with the spirit of the New Curriculum (which in 1969-70 actually *was* new). The following year saw the merger of Pembroke and Brown, and the consolidation of their P.E. programs under Gorton's direction. Today she continues to direct phys. ed. as well as intramurals, with Lutz handling arrangements (hiring part-time instructors, scheduling classes) for the former.

"The really exciting part about physical education today," Gorton told me recently, "is that it's not just for students. We have many, many faculty, staff, and their spouses enrolled. Society as a whole has a strong interest in health, and people want to feel good about themselves."

In a typical P.E. term—equivalent to an academic-year quarter—there are three to four dozen different classes offered, Lutz said. In all, each year Brown offers instruction in activities ranging from aikido to yoga. The emphasis has shifted from the team sports

popular in our Pembroke days (those having been supplanted by the addition of women's varsity sports in the 1970s, as well as a strong men's intramural program) to individual sports for recreation (tennis, squash, swimming), and especially to cardiovascular conditioning. Aerobics, Nautilus, weight training, and dance are extremely popular. Leotards and Reeboks have replaced gym suits and Keds.

Lutz, who began teaching and coaching at Pembroke in 1959, told me the biggest change she has seen in phys. ed. is the attitudes of those who participate. "They're in these classes because they *want* to be," she said. "We do have people who get up at 6 a.m. to register for a class, then never show up for it. But we also have diehards who will come to class rain, snow, sleet, or hail."

Those in my aerobics class are but a fraction of the Brown folks who use their lunch hours—or who take time out from studying—to stretch, sweat, jog, jump, and dance. On average, said Gorton and Lutz, some 3,000 students and 400 employees each year enroll formally in these pursuits. Uncounted others use Brown's athletic facilities in their own quests for fitness and fun. I suspect that even without white bloomers and posture pictures, the phys.-ed. students of 1987 are in pretty good shape.

A.D.



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